

4.0 MULTI-PARTY AGREEMENTS



DEPARTMENT OF THE ARMY
PROGRAM MANAGER FOR ROCKY MOUNTAIN ARSENAL
COMMERCE CITY, COLORADO 80022-1748

October 30, 2001

REPLY TO
ATTENTION OF:

Remedy Execution

Ms. Barbara Nabors
Colorado Department of Public
Health and Environment
4300 Cherry Creek Drive South
Denver, Colorado 80246-1530

Dear Ms. Nabors:

Currently the Remediation Design and Implementation Schedule (October 2000) shows an enforceable date of November 2, 2001, for the submittal of the Draft Design Scope of Work (DDSOW) for the Section 36 Lime Basins Soil Remediation project.

In accordance with Paragraphs 34.22 and 26.11 of the Federal Facility Agreement, the Remediation Venture Office is requesting an extension to the submittal milestone for the DDSOW to December 4, 2001. This extension request is due to an oversight in the relationship between Planned activities and fiscal year funding constraints. In other words, the Program Management Contractor was prevented from beginning design activities until after October 1, 2001, to be consistent with the planned availability of funds. Due to the funding constraint, there is insufficient time to prepare the DDSOW document and provide for needed internal review prior to issuing the document for regulatory review.

This extension of the DDSOW Submittal will also extend the subsequent design submittal packages by a similar duration. In summary, the following revised design schedule is submitted for approval:

Draft Design Scope of Work	December 4, 2001	Enforceable milestone date
30 Percent Design Package Submittal	April 9, 2002	
60 Percent Design Package Submittal	July 17, 2002	
95 Percent Design Package Submittal	October 2, 2002*	Enforceable milestone date
100 Percent Design Package Submittal	December 31, 2002	

*Previous date was September 3, 2002

8374-1/2



00025797


Readiness is our Profession

Copies of this letter were forwarded to:

- a. Major M. Weslyn Erickson, Chief Counsel, Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-CL), Commerce City, Colorado 80022-1748.
- b. Ms. Ginny Brannon, Attorney General's Office, CERCLA Litigation Unit, 1525 Sherman Street, 5th Floor, Denver, Colorado 80203.
- c. Mr. Art Willden, Geotrans Inc., 9101 Harlan Street, Suite 210, Westminster, Colorado 80030.
- d. Mr. Roger B. Shakely, Shell Oil Company, P.O. Box 538, Commerce City, Colorado 80037.
- e. Mr. Mark Thomson, Washington Group, P.O. Box 1717, Commerce City, Colorado 80022.
- f. Mr. Thomas Cope, Holme Roberts and Owen, Suite 4100, 1700 Lincoln Street, Denver, Colorado 80203.
- g. Mr. Tom Jackson, U.S. Fish and Wildlife Service, Rocky Mountain Arsenal, Building 111, Commerce City, Colorado 80022-1748.
- h. Mr. Rick Kinshella, Tri-County Department Environmental Health Division, 4201 East 72nd Avenue, Commerce City, Colorado 80222-1488.
- i. Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-D), Document Tracking Center, Building 129, Commerce City, Colorado 80022-1748.

The point of contact on this matter is Ms. Lorri Harper at 303-289-0411

Sincerely,


Bruce M. Huenefeld
RMA Committee Coordinator



DEPARTMENT OF THE ARMY
PROGRAM MANAGER FOR ROCKY MOUNTAIN ARSENAL
COMMERCE CITY, COLORADO 80022-1748

REPLY TO
ATTENTION OF:

AMSSB-PM-ORMA-RE

30 October 2001

MEMORANDUM FOR U.S. Environmental Protection Agency, (Mr. Kerry Guy), Region VIII,
Mail Code 8HWM-FF, 999-18th Street, Suite 500, Denver, Colorado 80202-2405

SUBJECT: Milestone Extension for Section 36 Lime Basins

1. Currently the Remediation Design and Implementation Schedule (October 2000) shows an enforceable date of 2 November 2001, for the submittal of the Draft Design Scope of Work (DDSOW) for the Section 36 Lime Basins Soil Remediation project.
2. In accordance with Paragraphs 34.22 and 26.11 of the Federal Facility Agreement, the Remediation Venture Office is requesting an extension to the submittal milestone for the DDSOW to 4 December 2001. This extension request is due to an oversight in the relationship between planned activities and fiscal year funding constraints. In other words, the Program Management Contractor was prevented from beginning design activities until after 1 October 2001, to be consistent with the planned availability of funds. Due to the funding constraint, there is insufficient time to prepare the DDSOW document and provide for needed internal review prior to issuing the document for regulatory review.
3. This extension of the DDSOW Submittal will also extend the subsequent design submittal packages by a similar duration. In summary, the following revised design schedule is submitted for approval:

Draft Design Scope of Work	4 December 2001	Enforceable milestone date
30 Percent Design Package Submittal	9 April 2002	
60 Percent Design Package Submittal	17 July 2002	
95 Percent Design Package Submittal	2 October 2002*	Enforceable milestone date
100 Percent Design Package Submittal	31 December 2002	

*Previous date was 3 September 2002

4. The point of contact on this matter is Ms. Lorri Harper at 303-289-0411

Bruce M. Huenefeld
BRUCE M. HUENEFELD
RMA Committee Coordinator

8374-2/2

Readiness is our Profession



00025798

AMSSB-PM-ORMA-RE

SUBJECT: Milestone Extension for Section 36 Lime Basins

CF:

Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-CL/

Major M. Weslyn Erickson), Chief Counsel, Commerce City Colorado 80022-1748

Gannett Fleming, Inc., (Ms. Carol Bicher), 999-18th Street, Suite 2075,

Denver, Colorado 80202

Shell Oil Company, (Mr. Roger B. Shakely), P.O. Box 538, Commerce City,
Colorado 80037

Washington Group, (Mr. Mark Thomson), P.O. Box 1717, Commerce City,
Colorado 80022

Holme Roberts and Owens, (Mr. Thomas F. Cope), 1700 Lincoln Street, Suite 4100,
Denver, Colorado 80203

U.S. Fish and Wildlife Service, (Mr. Tom Jackson), Rocky Mountain Arsenal, Building 111,
Commerce City, Colorado 80022-1748

Tri-County Department Environmental Health Division, (Mr. Rick Kinshella),
4201 East 72nd Avenue, Commerce City, Colorado 80222-1488

Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-D/Document Tracking
Center), Commerce City, Colorado 80022-1748



DEPARTMENT OF THE ARMY
PROGRAM MANAGER FOR ROCKY MOUNTAIN ARSENAL
COMMERCE CITY, COLORADO 80022-1748

November 15, 2001

REPLY TO
ATTENTION OF:

Remedy Execution

Ms. Barbara Nabors
Colorado Department of Public
Health and Environment
4300 Cherry Creek Drive South
Denver, Colorado 80246-1530

Dear Ms. Nabors:

The Remediation Venture Office (RVO), in a letter dated September 27, 2001, requested and received approval of the following design schedule for the Basin F Wastepile Remediation project:

60 Percent Design Submittal	November 28, 2001	
95 Percent Design Submittal	May 7, 2002	Enforceable milestone date
100 Percent design Submittal	August 12, 2002	

Due to the potential for air and odor problems during project implementation, the Program Management Contractor is incorporating odor control contingency measures into the design. This work will be the 60 Percent Design. In accordance with Paragraphs 26.8 - 26.18 and 34.22, the RVO requests approval of the following revised design schedule:

60 Percent Design Submittal	January 24, 2002	
95 Percent Design Submittal	July 1, 2002*	Enforceable milestone date
100 Percent Design Submittal	October 9, 2002	

*Previous date was May 7, 2002

Copies of this letter were forwarded to:

a. Major M. Weslyn Erickson, Chief Counsel, Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-CL), Commerce City, Colorado 80022-1748.

b. Ms. Ginny Brannon, Attorney General's Office, CERCLA Litigation Unit, 1525 Sherman Street, 5th Floor, Denver, Colorado 80203.

c. Mr. Art Willden, Geotrans Inc., 9101 Harlan Street, Suite 210, Westminster, Colorado 80030.

8410-1/2



00025867

Readiness is our Profession

d. Mr. Roger B. Shakely, Shell Oil Company, P.O. Box 538, Commerce City, Colorado 80037.

e. Mr. Mark Thomson, Washington Group, P.O. Box 1717, Commerce City, Colorado 80022.

f. Mr. Thomas Cope, Holme Roberts and Owen, Suite 4100, 1700 Lincoln Street, Denver, Colorado 80203.

g. Mr. Tom Jackson, U.S. Fish and Wildlife Service, Rocky Mountain Arsenal, Building 111, Commerce City, Colorado 80022-1748.

h. Mr. Rick Kinshella, Tri-County Department Environmental Health Division, 4201 East 72nd Avenue, Commerce City, Colorado 80222-1488.

i. Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-D), Document Tracking Center, Building 129, Commerce City, Colorado 80022-1748.

The point of contact on this matter is Ms. Lorri Harper at 303-289-0411.

Sincerely,

Bruce M Huenefeld

Bruce M. Huenefeld
RMA Committee Coordinator



DEPARTMENT OF THE ARMY
PROGRAM MANAGER FOR ROCKY MOUNTAIN ARSENAL
COMMERCE CITY, COLORADO 80022-1748

REPLY TO
ATTENTION OF:

AMSSB-PM-ORMA-RE

15 November 2001

MEMORANDUM FOR U.S. Environmental Protection Agency, (Mr. Kerry Guy), Region VIII,
Mail Code 8HWM-FF, 999-18th Street, Suite 500, Denver, Colorado 80202-2405

SUBJECT: Milestone Extension on Basin F Wastepile Remediation

1. The Remediation Venture Office (RVO), in a letter dated 27 September 2001, requested and received approval of the following design schedule for the Basin F Wastepile Remediation project:

60 Percent Design Submittal	28 November 2001	
95 Percent Design Submittal	7 May 2002	Enforceable milestone date
100 Percent design Submittal	12 August 2002	

2. Due to the potential for air and odor problems during project implementation, the Program Management Contractor is incorporating odor control contingency measures into the design. This work will be the 60 Percent Design. In accordance with Paragraphs 26.8 - 26.18 and 34.22, the RVO requests approval of the following revised design schedule:

60 Percent Design Submittal	24 January 2002	
95 Percent Design Submittal	1 July 2002*	Enforceable milestone date
100 Percent Design Submittal	9 October 2002	

*Previous date was 7 May 2002

3. The point of contact on this matter is Ms. Lorri Harper at 303-289-0411.

Bruce M Huenefeld

BRUCE M. HUENEFELD
RMA Committee Coordinator

8410-2/2



00025868

AMSSB-PM-ORMA-RE

SUBJECT: Milestone Extension on Basin F Wastepile Remediation

CF:

Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-CL/
Major M. Weslyn Erickson), Chief Counsel, Commerce City Colorado 80022-1748

Gannett Fleming, Inc., (Ms. Carol Bicher), 999-18th Street, Suite 2075,
Denver, Colorado 80202

Shell Oil Company, (Mr. Roger B. Shakely), P.O. Box 538, Commerce City,
Colorado 80037

Washington Group, (Mr. Mark Thomson), P.O. Box 1717, Commerce City,
Colorado 80022

Holme Roberts and Owens, (Mr. Thomas F. Cope), 1700 Lincoln Street, Suite 4100,
Denver, Colorado 80203

U.S. Fish and Wildlife Service, (Mr. Tom Jackson), Rocky Mountain Arsenal, Building 111,
Commerce City, Colorado 80022-1748

Tri-County Department Environmental Health Division, (Mr. Rick Kinshella),
4201 East 72nd Avenue, Commerce City, Colorado 80222-1488

Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-D/Document Tracking
Center), Commerce City, Colorado 80022-1748



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VIII

999 18th STREET - SUITE 500
DENVER, COLORADO 80202-2466

RECEIVED
11/29/01

Mr. Bruce Huenefeld
Office of the Program Manager for RMA
ATTN: AMXRM-E
Rocky Mountain Arsenal
Commerce City, CO. 80022-2180

Re: Basin F Wastepile Remediation
Project, Rocky Mountain Arsenal

Dear Mr. Huenefeld:

The Environmental Protection Agency (EPA) has received the Army's request for an extension of the design schedule dates for the referenced project. The EPA agrees to the design schedule dates stated in the Army's November 15, 2001 letter.

Our contact on this matter is Mr. Greg Hargreaves at 303-312-6661.

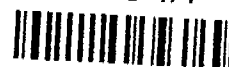
Sincerely,

for *Greg Hargreaves*
Kerry Gay

EPA Representative for RMA Cleanup

cc: Barbara Nabors, CDPHE
Susan Chaki, CDPHE
Roger Shakely, Shell Oil Company
Tom Jackson, USFWS
Jack Lipschultz, DOJ
Ginny Brannon, AGO
Maj. Wes Erikson, Army
Ken Conright, TCHD

8445-1/1



00025950



DEPARTMENT OF THE ARMY
PROGRAM MANAGER FOR ROCKY MOUNTAIN ARSENAL
COMMERCE CITY, COLORADO 80022-1748

November 26, 2001

REPLY TO
ATTENTION OF:

Remedy Execution

Ms. Barbara Nabors
Colorado Department of Public
Health and Environment
4300 Cherry Creek Drive South
Denver, Colorado 80246-1530

Dear Ms. Nabors:

This letter is a follow-up to a decision made in the Rocky Mountain Arsenal (RMA) Committee meeting conducted on November 8, 2001, concerning the Draft Design Scope of Work (DDSOW) for the Section 36 Lime Basins Soil Remediation Project. The RMA Committee agreed to an indefinite extension to the delivery date of the DDSOW. The delay is necessary to complete an in-depth historical review of documents to identify potential remediation hazards and concurs (i.e., sarin bombs, Unexploded Ordnance odor, elevated groundwater, agent). This work is usually developed as part of the conceptual design (30 Percent) and includes review of existing data, identification of additional data requirements, and recommendations for plans and procedures for collecting additional data. Identification of potential remediation hazards are identified, to the extent possible, early in the design process (at 30 Percent). However, in this instance the Remediation Venture Office (RVO) and the Regulatory Agencies feel that it would be more prudent to perform this work prior to submittal of the DDSOW in order to evaluate whether the remedy should be altered. If the remedy is altered, it could significantly impact the DDSOW. In order to avoid having to reperform work, it is suggested the DDSOW not be submitted until after this initial work is complete.

In accordance with Paragraphs 26.8-26.18 and 34.22 of the Federal Facility Agreement, the RVO requests relief from the current milestone date of December 4, 2001, for the delivery of the DDSOW for the Section 36 Lime Basins Soil Remediation Project. Upon the completion of the above described work, the RVO will present a revised design schedule and establish new enforceable milestone dates for the DDSOW and the Draft Final (95 Percent) Design.

8430-1/2



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DEPARTMENT OF THE ARMY
PROGRAM MANAGER FOR ROCKY MOUNTAIN ARSENAL
COMMERCE CITY, COLORADO 80022-1748

December 18, 2001

REPLY TO
ATTENTION OF:

Remedy Execution

Ms. Susan Chaki
Colorado Department of Public
Health and Environment
4300 Cherry Creek Drive South
Denver, Colorado 80246-1530

Dear Ms. Chaki:

As proposed in a recent RCRA equivalency working group meeting, the Remediation Venture Office (RVO) requests a design schedule change from that indicated in the Final Design Scope of Work for the Basin F/Basin F Exterior Remediation Project – Part 2. This schedule change will allow two key tasks to be completed (or further developed) and incorporated into the 30 Percent Design Package prior to its transmittal to the Regulatory Agencies for review and comment.

The first task to be completed is implementation of the Sampling and Analysis Plan (SAP) for the Basin F boundary modification. Although field work has been completed, data still needs to be evaluated and incorporated into the 30 Percent Design Package. It is anticipated that Basin F boundary modifications will be completed in January or February 2002.

The second task that needs to be completed is the further development of design criteria for the RCRA-equivalent cover portion of the project. Although discussion on these issues has begun, it will be beneficial to the design effort to continue discussions and seek resolution on design criteria.

Therefore, in accordance with Paragraph 26.8, 26.18, and 34.22 of the Federal Facility Agreement, the RVO requests transmittal of the 30 Percent Design Package be delayed from January 3, 2002, to April 2, 2002, and transmittal of the 95 Percent Design Package be revised from August 6, 2002, to November 4, 2002. A revised design schedule with all design milestone dates will be provided in the 30 Percent Design Package when it is transmitted in April 2002.

8520-1/2



00026290

Readiness is our Profession



DEPARTMENT OF THE ARMY
PROGRAM MANAGER FOR ROCKY MOUNTAIN ARSENAL
COMMERCE CITY, COLORADO 80022-1748

REPLY TO
ATTENTION OF:

AMSSB-PM-ORMA-RE

18 December 2001

MEMORANDUM FOR U.S. Environmental Protection Agency, (Mr. Kerry Guy), Region VIII,
Mail Code 8HWM-FF, 999-18th Street, Suite 500, Denver, Colorado 80202-2405

SUBJECT: Basin F/Basin F Exterior Remediation Project -- Part 2: Revised Design Schedule

1. As proposed in a recent RCRA equivalency working group meeting, the Remediation Venture Office (RVO) requests a design schedule change from that indicated in the Final Design Scope of Work for the Basin F/Basin F Exterior Remediation Project -- Part 2. This schedule change will allow two key tasks to be completed (or further developed) and incorporated into the 30 Percent Design Package prior to its transmittal to the Regulatory Agencies for review and comment.
2. The first task to be completed is implementation of the Sampling and Analysis Plan (SAP) for the Basin F boundary modification. Although field work has been completed, data still needs to be evaluated and incorporated into the 30 Percent Design Package. It is anticipated that Basin F boundary modifications will be completed in January or February 2002.
3. The second task that needs to be completed is the further development of design criteria for the RCRA-equivalent cover portion of the project. Although discussion on these issues has begun, it will be beneficial to the design effort to continue discussions and seek resolution on design criteria.
4. Therefore, in accordance with Paragraph 26.8, 26.18, and 34.22 of the Federal Facility Agreement, the RVO requests transmittal of the 30 Percent Design Package be delayed from 3 January 2002, to 2 April 2002, and transmittal of the 95 Percent Design Package be revised from 6 August 2002, to 4 November 2002. A revised design schedule with all design milestone dates will be provided in the 30 Percent Design Package when it is transmitted in April 2002.

8520-2/2




00026291

Readiness is our Profession

AMSSB-PM-ORMA-RE

SUBJECT: Basin F/Basin F Exterior Remediation Project -- Part 2: Revised Design Schedule

5. The point of contact on this matter is Mr. Lou Greer at 303-853-3951.


BRUCE M. HUENEFELD
RMA Committee Coordinator

CF:

Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-CL/
Major M. Weslyn Erickson), Chief Counsel, Commerce City Colorado 80022-1748 (wo/encl)
Gannett Fleming, Inc., (Ms. Carol Bicher), 999-18th Street, Suite 2075,
Denver, Colorado 80202 (w/encl)
Shell Oil Company, (Mr. Roger B. Shakely), P.O. Box 538, Commerce City,
Colorado 80037 (wo/encl)
Washington Group, (Mr. Mark Thomson), P.O. Box 1717, Commerce City,
Colorado 80022 (wo/encl)
Holme Roberts and Owens, (Mr. Thomas F. Cope), 1700 Lincoln Street, Suite 4100,
Denver, Colorado 80203 (wo/encl)
U.S. Fish and Wildlife Service, (Mr. Tom Jackson), Rocky Mountain Arsenal, Building 111,
Commerce City, Colorado 80022-1748 (wo/encl)
Tri-County Department Environmental Health Division, (Mr. Rick Kinshella),
4201 East 72nd Avenue, Commerce City, Colorado 80222-1488 (wo/encl)
Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-D/Document Tracking
Center), Commerce City, Colorado 80022-1748 (wo/encl)



DEPARTMENT OF THE ARMY
PROGRAM MANAGER FOR ROCKY MOUNTAIN ARSENAL
COMMERCE CITY, COLORADO 80022-1748

January 17, 2002

REPLY TO
ATTENTION OF:

Remedy Execution

Ms. Barbara Nabors
Colorado Department of Public
Health and Environment
4300 Cherry Creek Drive South
Denver, Colorado 80246-1530

Dear Ms. Nabors:

Currently the Remediation Design and Implementation Schedule (RDIS) (December 2001) shows an enforceable date of January 22, 2002, for the submittal of the Draft Design Scope of Work (DDSOW) for the Sanitary Sewer Manhole Plugging -- Phase II Project.

In accordance with Paragraphs 34.22 and 26.11 of the Federal Facility Agreement, the Remediation Venture Office is requesting an extension to the submittal milestone for the DDSOW to February 12, 2002. This extension request is needed to allow adequate time for preparation, internal Remediation Venture Office/Program Management Contractor review, and incorporation of comments.

The subsequent design schedule will be provided in the DDSOW.
Copies of this letter were forwarded to:

- a. Major M. Weslyn Erickson, Chief Counsel, Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-CL), Commerce City, Colorado 80022-1748.
- b. Ms. Ginny Brannon, Attorney General's Office, CERCLA Litigation Unit, 1525 Sherman Street, 5th Floor, Denver, Colorado 80203.
- c. Mr. Art Willden, Geotrans Inc., 9101 Harlan Street, Suite 210, Westminster, Colorado 80030.
- d. Mr. Roger B. Shakely, Shell Oil Company, P.O. Box 538, Commerce City, Colorado 80037.
- e. Mr. Mark Thomson, Washington Group, P.O. Box 1717, Commerce City, Colorado 80022.

8619-1/2



00026719

Readiness is our Profession

f. Mr. Thomas Cope, Holme Roberts and Owen, Suite 4100, 1700 Lincoln Street, Denver, Colorado 80203.

g. Mr. Tom Jackson, U.S. Fish and Wildlife Service, Rocky Mountain Arsenal, Building 111, Commerce City, Colorado 80022-1748.

h. Mr. Rick Kinshella, Tri-County Department Environmental Health Division, 4201 East 72nd Avenue, Commerce City, Colorado 80222-1488.

i. Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-D), Document Tracking Center, Building 129, Commerce City, Colorado 80022-1748.

The point of contact on this matter is Mr. Lou Greer at 303-853-3951.

Sincerely,


Bruce M. Huenefeld
RMA Committee Coordinator



DEPARTMENT OF THE ARMY
PROGRAM MANAGER FOR ROCKY MOUNTAIN ARSENAL
COMMERCE CITY, COLORADO 80022-1748

REPLY TO
ATTENTION OF:

AMSSB-PM-ORMA-RE

17 January 2002

MEMORANDUM FOR U.S. Environmental Protection Agency, (Mr. Kerry Guy), Region VIII,
Mail Code 8HWM-FF, 999-18th Street, Suite 500, Denver, Colorado 80202-2405

SUBJECT: Extension for the Draft Design Scope of Work (DDSOW) for the Sanitary Sewer
Manhole Plugging – Phase II Project

1. Currently the Remediation Design and Implementation Schedule (RDIS) (December 2001) shows an enforceable date of January 22, 2002, for the submittal of the Draft Design Scope of Work (DDSOW) for the Sanitary Sewer Manhole Plugging – Phase II Project.
2. In accordance with Paragraphs 34.22 and 26.11 of the Federal Facility Agreement, the Remediation Venture Office is requesting an extension to the submittal milestone for the DDSOW to February 12, 2002. This extension request is needed to allow adequate time for preparation, internal Remediation Venture Office/Program Management Contractor review, and incorporation of comments.
3. The subsequent design schedule will be provided in the DDSOW.
4. The point of contact on this matter is Mr. Lou Greer at 303-853-3951.

Bruce M. Huenefeld
BRUCE M. HUENEFELD
RMA Committee Coordinator

CF:

Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-CL/
Major M. Weslyn Erickson), Chief Counsel, Commerce City, Colorado 80022-1748
Gannett Fleming, Inc., (Ms. Carol Bicher), 999-18th Street, Suite 2075,
Denver, Colorado 80202
Shell Oil Company, (Mr. Roger B. Shakely), P.O. Box 538, Commerce City,
Colorado 80037
Washington Group, (Mr. Mark Thomson), P.O. Box 1717, Commerce City,
Colorado 80022
Holme Roberts and Owens, (Mr. Thomas F. Cope), 1700 Lincoln Street, Suite 4100,
Denver, Colorado 80203

8619-2/2



00026720

Readiness is our Profession

AMSSB-PM-ORMA-RE

SUBJECT: Extension for the Draft Design Scope of Work (DDSOW) for the Sanitary Sewer Manhole Plugging – Phase II Project

CF: CONT

**U.S. Fish and Wildlife Service, (Mr. Tom Jackson), Rocky Mountain Arsenal, Building 111,
Commerce City, Colorado 80022-1748**

**Tri-County Department Environmental Health Division, (Mr. Rick Kinshella),
4201 East 72nd Avenue, Commerce City, Colorado 80222-1488**

**Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-D/Document Tracking
Center), Commerce City, Colorado 80022-1748**



DEPARTMENT OF THE ARMY
PROGRAM MANAGER FOR ROCKY MOUNTAIN ARSENAL
COMMERCE CITY, COLORADO 80022-1748

January 17, 2002

REPLY TO
ATTENTION OF:

Remedy Execution

Ms. Barbara Nabors
Colorado Department of Public
Health and Environment
4300 Cherry Creek Drive South
Denver, Colorado 80246-1530

Dear Ms. Nabors:

Currently the Remediation Design and Implementation Schedule (RDIS) (December 2001) shows an enforceable date of January 10, 2002, for the submittal of the Draft Design Scope of Work (DDSOW) for the Complex (Army) Disposal Trenches Remediation - Cover project.

In accordance with Paragraphs 34.22 and 26.11 of the Federal Facility Agreement, the Remediation Venture Office is requesting an extension to the submittal milestone for the DDSOW to July 2, 2002. This extension request is so that the design of the Complex (Army) Disposal Trenches cover follows behind the design process of the Basin F and Basin F Exterior Remediation - Phase II. This approach will allow the Complex (Army) Disposal Trenches RCRA-equivalent cover design to incorporate results of negotiated approaches to design criteria developed during the Basin F RCRA-equivalent cover design.

This extension of the DDSOW submittal will also extend the subsequent design submittal packages by a similar duration. In summary, the following revised design schedule is submitted for approval:

Draft Design Scope of Work	July 2, 2002	Enforceable milestone date
30 Percent Design Submittal	October 22, 2002	
60 Percent Design Submittal	February 18, 2003	
95 Percent Design Submittal	June 10, 2003*	Enforceable milestone date
100 Percent Design Submittal	September 10, 2003	

*Previous date was December 5, 2002

This extension in no way impacts the current forecast for remediation of this project. This matter was addressed at the RMA Committee meeting dated January 10, 2002.

8621-1/2



00026723

Readiness is our Profession

Copies of this letter were forwarded to:

- a. Major M. Weslyn Erickson, Chief Counsel, Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-CL), Commerce City, Colorado 80022-1748.
- b. Ms. Ginny Brannon, Attorney General's Office, CERCLA Litigation Unit, 1525 Sherman Street, 5th Floor, Denver, Colorado 80203.
- c. Mr. Art Willden, Geotrans Inc., 9101 Harlan Street, Suite 210, Westminster, Colorado 80030.
- d. Mr. Roger B. Shakely, Shell Oil Company, P.O. Box 538, Commerce City, Colorado 80037.
- e. Mr. Mark Thomson, Washington Group, P.O. Box 1717, Commerce City, Colorado 80022.
- f. Mr. Thomas Cope, Holme Roberts and Owen, Suite 4100, 1700 Lincoln Street, Denver, Colorado 80203.
- g. Mr. Tom Jackson, U.S. Fish and Wildlife Service, Rocky Mountain Arsenal, Building 111, Commerce City, Colorado 80022-1748.
- h. Mr. Rick Kinshella, Tri-County Department Environmental Health Division, 4201 East 72nd Avenue, Commerce City, Colorado 80222-1488.
- i. Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-D), Document Tracking Center, Building 129, Commerce City, Colorado 80022-1748.

The point of contact on this matter is Mr. Lou Greer at 303-853-3951.

Sincerely,


Bruce M. Huenefeld

RMA Committee Coordinator



DEPARTMENT OF THE ARMY
PROGRAM MANAGER FOR ROCKY MOUNTAIN ARSENAL
COMMERCE CITY, COLORADO 80022-1748

REPLY TO
ATTENTION OF:

AMSSB-PM-ORMA-RE

17 January 2002

MEMORANDUM FOR U.S. Environmental Protection Agency, (Mr. Kerry Guy), Region VIII,
Mail Code 8HWM-FF, 999-18th Street, Suite 500, Denver, Colorado 80202-2405

SUBJECT: Extension for the Draft Design Scope of Work (DDSOW) for the Complex (Army)
Disposal Trenches Remediation – Cover project

1. Currently the Remediation Design and Implementation Schedule (RDIS) (December 2001) shows an enforceable date of January 10, 2002, for the submittal of the Draft Design Scope of Work (DDSOW) for the Complex (Army) Disposal Trenches Remediation – Cover project.
2. In accordance with Paragraphs 34.22 and 26.11 of the Federal Facility Agreement, the Remediation Venture Office is requesting an extension to the submittal milestone for the DDSOW to July 2, 2002. This extension request is so that the design of the Complex (Army) Disposal Trenches cover follows behind the design process of the Basin F and Basin F Exterior Remediation – Phase II. This approach will allow the Complex (Army) Disposal Trenches RCRA-equivalent cover design to incorporate results of negotiated approaches to design criteria developed during the Basin F RCRA-equivalent cover design.
3. This extension of the DDSOW submittal will also extend the subsequent design submittal packages by a similar duration. In summary, the following revised design schedule is submitted for approval:

Draft Design Scope of Work	July 2, 2002	Enforceable milestone date
30 Percent Design Submittal	October 22, 2002	
60 Percent Design Submittal	February 18, 2003	
95 Percent Design Submittal	June 10, 2003*	Enforceable milestone date
100 Percent Design Submittal	September 10, 2003	

*Previous date was December 5, 2002

4. This extension in no way impacts the current forecast for remediation of this project. This matter was addressed at the RMA Committee meeting dated January 10, 2002.

8621-2/2




00026724

Readiness is our Profession

AMSSB-PM-ORMA-RE

SUBJECT: Extension for the Draft Design Scope of Work (DDSOW) for the Complex (Army)
Disposal Trenches Remediation – Cover project

5. The point of contact on this matter is Mr. Lou Greer at 303-853-3951.


BRUCE M. HUENEFELD
RMA Committee Coordinator

CF: -

Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-CL/

Major M. Weslyn Erickson), Chief Counsel, Commerce City, Colorado 80022-1748

Gannett Fleming, Inc., (Ms. Carol Bicher), 999-18th Street, Suite 2075,

Denver, Colorado 80202

Shell Oil Company, (Mr. Roger B. Shakely), P.O. Box 538, Commerce City,
Colorado 80037

Washington Group, (Mr. Mark Thomson), P.O. Box 1717, Commerce City,
Colorado 80022

Holme Roberts and Owens, (Mr. Thomas F. Cope), 1700 Lincoln Street, Suite 4100,
Denver, Colorado 80203

U.S. Fish and Wildlife Service, (Mr. Tom Jackson), Rocky Mountain Arsenal, Building 111,
Commerce City, Colorado 80022-1748

Tri-County Department Environmental Health Division, (Mr. Rick Kinshella),
4201 East 72nd Avenue, Commerce City, Colorado 80222-1488

Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-D/Document Tracking
Center), Commerce City, Colorado 80022-1748



DEPARTMENT OF THE ARMY
PROGRAM MANAGER FOR ROCKY MOUNTAIN ARSENAL
COMMERCE CITY, COLORADO 80022-1748

January 17, 2002

REPLY TO
ATTENTION OF:

Remedy Execution

Ms. Barbara Nabors
Colorado Department of Public
Health and Environment
4300 Cherry Creek Drive South
Denver, Colorado 80246-1530

Dear Ms. Nabors:

Currently the Remediation Design and Implementation Schedule (RDIS) (December 2001) shows an enforceable date of January 10, 2002, for the submittal of the Draft Design Scope of Work (DDSOW) for the Shell Disposal Trenches Remediation – Cover project.

In accordance with Paragraphs 34.22 and 26.11 of the Federal Facility Agreement, the Remediation Venture Office is requesting an extension to the submittal milestone for the DDSOW to July 2, 2002. This extension request is so that the design of the Shell Disposal Trenches cover follows behind the design process of the Basin F and Basin F Exterior Remediation – Phase II. This approach will allow the Shell Disposal Trenches RCRA-equivalent cover design to incorporate results of negotiated approaches to design criteria developed during the Basin F RCRA-equivalent cover design.

This extension of the DDSOW submittal will also extend the subsequent design submittal packages by a similar duration. In summary, the following revised design schedule is submitted for approval:

Draft Design Scope of Work	July 2, 2002	Enforceable milestone date
30 Percent Design Submittal	October 22, 2002	
60 Percent Design Submittal	February 18, 2003	
95 Percent Design Submittal	June 10, 2003*	Enforceable milestone date
100 Percent Design Submittal	September 10, 2003	

*Previous date was December 5, 2002

This extension in no way impacts the current forecast for remediation of this project. This matter was addressed at the RMA Committee meeting dated January 10, 2002.

Readiness is our Profession

8622-1/2



00026725

Copies of this letter were forwarded to:

- a. Major M. Weslyn Erickson, Chief Counsel, Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-CL), Commerce City, Colorado 80022-1748.
- b. Ms. Ginny Brannon, Attorney General's Office, CERCLA Litigation Unit, 1525 Sherman Street, 5th Floor, Denver, Colorado 80203.
- c. Mr. Art Willden, Geotrans Inc., 9101 Harlan Street, Suite 210, Westminster, Colorado 80030.
- d. Mr. Roger B. Shakely, Shell Oil Company, P.O. Box 538, Commerce City, Colorado 80037.
- e. Mr. Mark Thomson, Washington Group, P.O. Box 1717, Commerce City, Colorado 80022.
- f. Mr. Thomas Cope, Holme Roberts and Owen, Suite 4100, 1700 Lincoln Street, Denver, Colorado 80203.
- g. Mr. Tom Jackson, U.S. Fish and Wildlife Service, Rocky Mountain Arsenal, Building 111, Commerce City, Colorado 80022-1748.
- h. Mr. Rick Kinshella, Tri-County Department Environmental Health Division, 4201 East 72nd Avenue, Commerce City, Colorado 80222-1488.
- i. Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-D), Document Tracking Center, Building 129, Commerce City, Colorado 80022-1748.

The point of contact on this matter is Mr. Lou Greer at 303-853-3951.

Sincerely,


Bruce M. Huenefeld

RMA Committee Coordinator



DEPARTMENT OF THE ARMY
PROGRAM MANAGER FOR ROCKY MOUNTAIN ARSENAL
COMMERCE CITY, COLORADO 80022-1748

REPLY TO
ATTENTION OF:

AMSSB-PM-ORMA-RE

17 January 2002

MEMORANDUM FOR U.S. Environmental Protection Agency, (Mr. Kerry Guy), Region VIII,
Mail Code 8HWM-FF, 999-18th Street, Suite 500, Denver, Colorado 80202-2405

SUBJECT: Extension for the Draft Design Scope of Work (DDSOW) for the Shell Disposal
Trenches Remediation – Cover project

1. Currently the Remediation Design and Implementation Schedule (RDIS) (December 2001) shows an enforceable date of January 10, 2002, for the submittal of the Draft Design Scope of Work (DDSOW) for the Shell Disposal Trenches Remediation – Cover project.
2. In accordance with Paragraphs 34.22 and 26.11 of the Federal Facility Agreement, the Remediation Venture Office is requesting an extension to the submittal milestone for the DDSOW to July 2, 2002. This extension request is so that the design of the Shell Disposal Trenches cover follows behind the design process of the Basin F and Basin F Exterior Remediation – Phase II. This approach will allow the Shell Disposal Trenches RCRA-equivalent cover design to incorporate results of negotiated approaches to design criteria developed during the Basin F RCRA-equivalent cover design.
3. This extension of the DDSOW submittal will also extend the subsequent design submittal packages by a similar duration. In summary, the following revised design schedule is submitted for approval:

Draft Design Scope of Work	July 2, 2002	Enforceable milestone date
30 Percent Design Submittal	October 22, 2002	
60 Percent Design Submittal	February 18, 2003	
95 Percent Design Submittal	June 10, 2003*	Enforceable milestone date
100 Percent Design Submittal	September 10, 2003	

*Previous date was December 5, 2002

- 4 This extension in no way impacts the current forecast for remediation of this project. This matter was addressed at the RMA Committee meeting dated January 10, 2002.

8622-2/2



00026726

Readiness is our Profession

AMSSB-PM-ORMA-RE

SUBJECT: Extension for the Draft Design Scope of Work (DDSOW) for the Shell Disposal
Trenches Remediation – Cover project

5. The point of contact on this matter is Mr. Lou Greer at 303-853-3951


BRUCE M. HUENEFELD
RMA Committee Coordinator

CF:

Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-CL/
Major M. Weslyn Erickson), Chief Counsel, Commerce City, Colorado 80022-1748
Gannett Fleming, Inc., (Ms. Carol Bicher), 999-18th Street, Suite 2075,
Denver, Colorado 80202
Shell Oil Company, (Mr. Roger B. Shakely), P.O. Box 538, Commerce City,
Colorado 80037
Washington Group, (Mr. Mark Thomson), P.O. Box 1717, Commerce City,
Colorado 80022
Holme Roberts and Owens, (Mr. Thomas F. Cope), 1700 Lincoln Street, Suite 4100,
Denver, Colorado 80203
U.S. Fish and Wildlife Service, (Mr. Tom Jackson), Rocky Mountain Arsenal, Building 111,
Commerce City, Colorado 80022-1748
Tri-County Department Environmental Health Division, (Mr. Rick Kinshella),
4201 East 72nd Avenue, Commerce City, Colorado 80222-1488
Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-D/Document Tracking
Center), Commerce City, Colorado 80022-1748



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8
999 18TH STREET - SUITE 300
DENVER, CO 80202-2466
<http://www.epa.gov/region08>



Ref: 8EPR-F

March 14, 2002

Mr. Bruce Huenefeld
Office of the Program Manager for RMA
ATTN: AMXRM-E
Rocky Mountain Arsenal
Commerce City, CO. 80022-2180

Re: South Plants Balance of Areas and
Central Processing Area Soil
Remediation Project-Phase 2, 100
Percent Design Package

Dear Mr. Huenefeld:

The Environmental Protection Agency (EPA) provided technical comments on the South Plants Balance of Areas and Central Processing Area Soil Remediation Project-Phase 2, 100 Percent Design Package on November 28, 2001. Subsequent to submitting our technical comments, several working meetings were held among the parties to resolve an issue dealing with the implementation of the RMA contingent soil volume (CSV) process in the South Plants Central Processing area (SPCPA).

The "South Plants Central Processing Area Soil Remediation Project Resolution Agreement" was signed by all the parties during the week of March 4, 2002. This agreement outlines the method of implementing the CSV process in the SPCPA, along with design enhancements to make both SPCPA and Basin A covers meet RCRA-equivalency.

A working meeting was held on March 12, 2002, to discuss any remaining technical issues by the parties. EPA's remaining technical issues were satisfactorily addressed at that meeting. EPA approves the 100 percent design, based on the understanding that the elements of the South Plants Central Processing Area Soil Remediation Project Resolution Agreement will be incorporated into the final design through design change notifications.

Sincerely,

Kerry Guy

EPA Representative for RMA Committee

cc: Barbara Nabors, CDPHE
Mark Thomson, RVO
Tom Jackson, USFWS
Jack Lipschultz, DOJ
Ginny Brannon, CO-AG Office
Jim Green, RMA

Carol Bicher, Gannett Fleming
Maj. Wes Erickson, RVO
Ken Conright, TCHD

8957-1/1



00027752



DEPARTMENT OF THE ARMY
PROGRAM MANAGER FOR ROCKY MOUNTAIN ARSENAL
COMMERCE CITY, COLORADO 80022-1748

REPLY TO
ATTENTION OF:

March 7, 2002

AMSSB-PM-ORMA-RE

MEMORANDUM FOR U.S. Environmental Protection Agency, (Mr. Kerry Guy), Region VIII,
Mail Code 8HWM-FF, 999-18th Street, Suite 500, Denver, Colorado 80202-2405

SUBJECT: Resolution Agreement South Plants Central Processing Area Soil Remediation
Project

1. Enclosed for your information is an original signed version of the Resolution Agreement South Plants Central Processing Area Soil Remediation Project. Included as part of the agreement are a list of conceptual agreements and a conceptual monitoring plan for RCRA-Equivalent Covers that were discussed at the February 28, 2002, Rocky Mountain Arsenal Council meeting.
2. If you have any questions about the South Plants Resolution Agreement, please contact the undersigned at 303-289-0240.

Encl

Bruce M. Huenefeld
BRUCE M. HUENEFELD
RMA Committee Coordinator

CF:

Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-CL/
Major M. Weslyn Erickson), Chief Counsel, Commerce City Colorado 80022-1748 (w/encl)
Colorado Department of Public Health and Environment. (Ms. Barbara Nabors),
4300 Cherry Creek Drive South, Denver, Colorado 80246-1530 (w/encl)
Colorado Department of Public Health and Environment. (Ms. Susan Chaki),
4300 Cherry Creek Drive South, Denver, Colorado 80246-1530 (w/encl)
Gannett Fleming, Inc., (Ms. Carol Bicher), 999-18th Street, Suite 2075,
Denver, Colorado 80202 (w/encl)
Shell Oil Company, (Mr. Roger B. Shakely), P.O. Box 538, Commerce City,
Colorado 80037 (w/encl)
Washington Group, (Mr. Mark Thomson), P.O. Box 1717, Commerce City,
Colorado 80022 (wo/encl)
Holme Roberts and Owens, (Mr. Thomas F. Cope), 1700 Lincoln Street, Suite 4100,
Denver, Colorado 80203 (w/encl)
U.S. Fish and Wildlife Service, (Mr. Tom Jackson), Rocky Mountain Arsenal, Building 111,
Commerce City, Colorado 80022-1748 (w/encl)

8929-1/1

Readiness is our Profession



AMSSB-PM-ORMA-RE

SUBJECT: Resolution Agreement South Plants Central Processing Area Soil Remediation Project

CF: (CONT)

Tri-County Department Environmental Health Division, (Mr. Rick Kinshella),
4201 East 72nd Avenue, Commerce City, Colorado 80222-1488 (w/encl)

Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-D/Document Tracking
Center), Commerce City, Colorado 80022-1748 (w/encl)

Resolution Agreement
South Plants Central Processing Area Soil Remediation Project

Based on several design and technical meetings held between the U.S. Army, Colorado Department of Public Health and Environment, U.S. Environmental Protection Agency and Tri County Health Department, the Parties have agreed on refinements to the South Plants Central Processing Area (SPCPA) and Basin A Consolidation Area covers as described in Paragraph 1 below. The purpose of the design refinements to these cover systems is to maximize their long-term protectiveness over the two contamination containment areas. The Parties have also agreed on the method of implementing the Rocky Mountain Arsenal (RMA) Contingent Soil Volume (CSV) inspection, sampling, and removal process in the SPCPA as described in Paragraphs 2 and 3. The purpose of the CSV provision for the SPCPA is to allow the project to be planned and executed by the Remediation Venture Office (RVO) in such a way as to minimize the short-term risks to nearby residents and on-site workers.

1. The SPCPA and Basin A Consolidation Area soil cover designs will meet the Resource Conservation and Recovery Act (RCRA)-Equivalency requirements per the RMA On-Post Record of Decision (ROD) and as further defined in the "Agreement Summary on Comparative Analysis and Field Demonstration Design Scope of Work for the RMA RCRA Cover Demonstration Project", including design thickness, soil types, placement and vegetation requirements. The details of how these requirements will be implemented are currently under development in the RCRA-Equivalency Working Group. All Parties agree to work diligently to develop long-term performance monitoring requirements that recognize the actual performance history of the covers to include steps that significantly decrease the frequency and intensity of the performance monitoring based on satisfactory past performance. The RVO has previously agreed to incorporate RCRA-equivalent construction specifications, quality assurance/quality control, and soil characteristics in the design of these two cover systems. The long-term monitoring and performance standards that are being developed for RCRA-Equivalent covers will now be applied to the SPCPA and Basin A Consolidation Area soil covers. As additional guidance and support to the RCRA-Equivalent Working Group, a list of conceptual agreements and a conceptual monitoring plan that were endorsed by the RMA Council on February 28, 2002, are attached. Enhancing these two soil cover systems to full RCRA-Equivalency enhances long-term protectiveness where principle threat, human health exceedance soil and potentially agent-contaminated soil remains in place and where groundwater is impacted. Although constructed as RCRA equivalent covers in every regard, these areas will remain under their present Comprehensive Environmental Response, Compensation, and Liability Act jurisdiction, with no RCRA Closure plans.
2. The Regulatory Agencies will conduct the contingent soil volume inspection, sampling and removal process in areas with excavations that are less than 5 feet in depth. This does not change the current SPCPA design. Confirmatory soil samples will not be collected at 5 feet or deeper. The Regulatory Agencies personnel will inspect the floors of 5-foot deep soil excavations for visual evidence of waste sources such as buried drums, disposal pits, liquids or stained soil. These inspections will be conducted during the workday as the areas are cut to design grade and surveyed. In addition, project requirements will be developed to use Program Management Contract personnel and subcontractor equipment operators as part of the 5-foot inspection process in the interest of reducing the length of time that odorous excavations are exposed.

8929-1/1-A



Resolution Agreement
South Plants Central Processing Area Soil Remediation Project

3. Although not expected to be required on a frequent basis, project requirements will be developed to address the potential of encountering newly discovered waste sources such as buried drums, waste disposal pits, liquids or significant stained soil at or below the 5-foot excavation limit. Newly discovered waste sources such as stained soil or liquids will be removed to a maximum depth of 7 feet. More extensive excavation may be justified for removal of newly identified waste such as buried drums or disposal pits. Contingent soil sampling will not be conducted in saturated media and contingent soil volume will not be removed below the groundwater table. In the four-block area encompassing the high dibromochloropropane measurement at 6.5 feet below ground surface, no CSV will be excavated.
4. The changes to the Basin A Consolidation Area and SPCPA projects described in this resolution agreement will be documented through Fact Sheets.

Resolution Agreement
South Plants Central Processing Area Soil Remediation Project

CONCURRENCE FOR RESOLUTION AGREEMENT

Bruce M. Huenefeld
Bruce M. Huenefeld
U.S. Army

4 March 2002
Date

Concur/~~Nonconcur~~

Kerry Guy
Kerry Guy
U.S. Environmental Protection Agency

3/6/02
Date

Concur/Nonconcur

Barbara Nabors
Barbara Nabors
Colorado Department of Public
Health and Environment

3/4/02
Date

Concur/~~Nonconcur~~

Tom Jackson
Tom Jackson
U.S. Fish and Wildlife Service

3/4/02
Date

Concur/Nonconcur

Mark D. Thomson
Mark Thomson
Shell Oil Company

3/4/02
Date

Concur/Nonconcur

RCRA EQUIVALENT COVER WORKING GROUP
RCRA EQUIVALENT COVER DISCUSSIONS/AGREEMENTS
February 26, 2002

Based upon discussions with the Agencies in February at the Working Group and Committee levels, several conceptual agreements have been reached as follows:

1. Borrow Area Usage-fully utilize designated borrow areas for projects and minimize selective "mining" of soils and/or increased haul distances, provided that the soils meet acceptable zone criteria.
2. RCRA Test Cover Sampling-since Test Cover A passed the test period with zero percolation, obtain samples, analyze for grain size (w/ hydrometer) and plot the results on a soil texture triangle. These data will be used to develop the lower bounds of acceptable soils for cover construction.
3. Soil Clay Content-The Parties agreed that more clay and less sand make better performing soils for percolation performance (until vegetation performance is impacted). The maximum clay content (i.e., 40%) based on vegetation performance was determined by the Vegetation Team and sets the upper bound of acceptable soils. The lower bound of clay content will be based upon the lowest clay content from Test Cover A, although Test Covers B, C, and D may also be sampled and used to establish the lower limit.
4. Soils Fines Content-Soils with a fines content of 35% or greater passing the 200 sieve is a soil spec requirement (consistent with test plot construction).
5. Placement Density-it was agreed that ripping soil between lifts, as was done during Test Cover construction, tends to create larger voids that may increase infiltration, so should not be replicated. However, as indicated by Test Cover performance, soils placed at low densities or with little compaction, shouldn't necessarily be a detriment, and will foster the early germination and root development process. The density of soils placed in the Test Cover plots will be measured to indicate lower limits of full-scale density.
6. Swales-swales with a minimal slope, as defined by the Working Group, will utilize an enhancement to the standard cover design to address potential percolation.
7. UNSAT-H Modeling-modeling of the representative soil types from the borrow areas and test plot(s) will be performed using measured soil properties to determine the impact of soil types and increased densities upon percolation. If modeled percolation shows no change or improvement, the soil types will be acceptable at the 42-inch thickness. Should the modeling show a detrimental impact, then a refinement of the soil specification or an increase in the cover thickness may be proposed.
8. Acceptable Soil Characteristics-an Acceptable Zone within the Soil Textural Triangle will be used to set soil specification requirements. The upper bound is set by the Vegetation Team (maximum 40% Clay content) with the balance of the Acceptable Zone set by the soil types which were successfully tested in Test Cover A or successfully modeled in the borrow areas.
9. Borrow Area Characterization-it was agreed that there were three levels of borrow area characterization for acceptable soils. These were evaluation of soil type for

potential impact of density on percolation; pre-borrow characterization to meet the selected index parameters to determine the extent of acceptable borrow material (planned to be done prior to cover construction and after development of the cover spec); and QC/QA testing during cover construction to demonstrate that the cover meets the specification (the frequencies will be determined based upon the homogeneity of borrow areas, considering frequencies used during the Field Demonstration and EPA guidance). Borrow area soils may also be modeled to expand the Acceptable Zone.

10. Long Term Monitoring-the purpose of Long Term Monitoring will be to evaluate the performance and confirm that the covers are working as intended, and are maintained to "as-designed" conditions. The Parties will develop an evaluation and decision process to guide any responses to monitoring results, keeping the protection of human health and the environment as the primary objective. With favorable results, monitoring requirements may decrease over time (considering RCRA 30-year requirements). The five-year review process will be used to address monitoring changes. In addition, the Former Basin F RCRA-Equivalent Cover is subject to Colorado Hazardous Waste Management Act (CHWMA) requirements, and monitoring and performance evaluations will be conducted under that process.
11. Lysimeters-Long Term Monitoring of cover percolation will be via a limited amount of Lysimeters strategically placed with a balanced approach based on the design.
12. Vegetation Inspection-the Vegetation Group will work to reduce the amount and eventual frequency of transects required for cover inspections through less impactful methods (e.g., aerial photography, strategic inspection location). The SOPs will be revised to address these changes.

RCRA EQUIVALENCY ISSUES RESOLUTION

CONCEPTUAL MONITORING PLAN

I. Standard Cover Inspections

- Vegetation
- Soil conditions
- Erosion/Settlement
- Groundwater monitoring wells (Basin F)

II. Performance Monitoring

- Lysimeter readings < 1.3 mm/yr
 - Conduct evaluation including:
 - Verify lysimeter readings
 - Review of standard cover inspections
 - Review of annual precipitation
 - Prepare a Cover Evaluation Report, including an assessment of possible/probable causes, specific actions to take to remediate obvious conditions, and a revised monitoring plan to assess ongoing performance.
- Lysimeter readings > 1.3 mm/yr
 - Conduct evaluation including:
 - Verify lysimeter readings
 - Review of standard cover inspections
 - Review of annual precipitation
 - Review of QA/QC construction records
 - Review records at downgradient treatment systems and/or monitoring wells
 - Prepare a Corrective Action Plan, including an assessment of possible/probable causes, specific actions to take to remediate deficient conditions, and a revised monitoring plan to assess ongoing performance and/or results of any corrective actions.

The Corrective Action Plan will:

- Indicate specific remedial actions to maintain "as-built" conditions;
- Consider the frequency of any exceedance readings, such as a one-time exceedance vs. 5-year average exceedance vs. continual exceedances;
- Consider assessment of downgradient groundwater treatment facility and wells data;
- Be protective of human health and the environment by using the objective of "reducing the migration of hazardous wastes into the surrounding environment by minimizing infiltration through the contaminated soil"



DEPARTMENT OF THE ARMY
PROGRAM MANAGER FOR ROCKY MOUNTAIN ARSENAL
COMMERCE CITY, COLORADO 80022-1748



March 26, 2002

REPLY TO
ATTENTION OF:

Remedy Execution

Ms. Barbara Nabors
Colorado Department of Public
Health and Environment
4300 Cherry Creek Drive South
Denver, Colorado 80246-1530

Dear Ms. Nabors:

Currently the Remediation Design and Implementation Schedule (RDIS) (December 2001) shows an enforceable date of April 15, 2002, for the submittal of the 95 Percent Design Package for the Section 36 Balance of Areas Implementation Project. Since the RDIS was issued, the issue of Maximum Credible Event (MCE) has been introduced to several Implementation Projects including the Section 36 Balance of Areas.

In December 2001 the Remediation Venture Office (RVO) and Regulatory Agencies agreed to separate the design into two phases; Phase I would include all non-MCE areas and Phase II would address the MCE areas. With this concept in place, the 60 Percent Design Package for Phase I was submitted to the Regulatory Agencies in February 2002.

Based on a meeting held on March 13, 2002, the proposed path forward changed significantly. Design of the Section 36 Balance of Areas Implementation Project is to be completed in one inclusive design phase; therefore, the RVO/Program Management Contractor will resubmit the 60 Percent Design Package to reflect the new proposed path forward for remediation of this project. In accordance with Paragraphs 26.8-26.18 and 34.22 of the Federal Facility Agreement, the RVO is requesting approval of the revised design schedule listed below:

Revised 60 Percent Design Package Submittal	June 25, 2002
95 Percent Design Package Submittal	October 31, 2002* Enforceable milestone date
100 Percent Design Package Submittal	January 14, 2003

Copies of this letter were forwarded to:

a. Major M. Weslyn Erickson, Chief Counsel, Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-CL), Commerce City, Colorado 80022-1748.

b. Ms. Ginny Brannon, Attorney General's Office, CERCLA Litigation Unit, 1525 Sherman Street, 5th Floor, Denver, Colorado 80203.

Readiness is our Profession

9003-1/2



00027854

c. Mr. Mike Malusis, Geotrans Inc., 9101 Harlan Street, Suite 210, Westminster, Colorado 80030.

d. Mr. Roger B. Shakely, Shell Oil Company, P.O. Box 538, Commerce City, Colorado 80037.

e. Mr. Mark Thomson, Washington Group, P.O. Box 1717, Commerce City, Colorado 80022.

f. Mr. Thomas Cope, Holme Roberts and Owen, Suite 4100, 1700 Lincoln Street, Denver, Colorado 80203.

g. Mr. Tom Jackson, U.S. Fish and Wildlife Service, Rocky Mountain Arsenal, Building 111, Commerce City, Colorado 80022-1748.

h. Mr. Rick Kinshella, Tri-County Department Environmental Health Division, 4201 East 72nd Avenue, Commerce City, Colorado 80222-1488.

i. Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-D), Document Tracking Center, Building 129, Commerce City, Colorado 80022-1748.

The point of contact on this matter is Mr. James Green at 303-289-0412.

Sincerely,



Bruce M. Huenefeld

RMA Committee Coordinator



DEPARTMENT OF THE ARMY
PROGRAM MANAGER FOR ROCKY MOUNTAIN ARSENAL
COMMERCE CITY, COLORADO 80022-1748



REPLY TO
ATTENTION OF:

AMSSB-PM-ORMA-RE

26 March 2002

MEMORANDUM FOR U.S. Environmental Protection Agency, (Mr. Kerry Guy), Region VIII,
Mail Code 8HWM-FF, 999-18th Street, Suite 500, Denver, Colorado 80202-2405

SUBJECT: 95 Percent Design Package for the Section 36 Balance of Areas Implementation Project

1. Currently the Remediation Design and Implementation Schedule (RDIS) (December 2001) shows an enforceable date of 15 April 2002, for the submittal of the 95 Percent Design Package for the Section 36 Balance of Areas Implementation Project. Since the RDIS was issued, the issue of Maximum Credible Event (MCE) has been introduced to several Implementation Projects including the Section 36 Balance of Areas.

2. In December 2001 the Remediation Venture Office (RVO) and Regulatory Agencies agreed to separate the design into two phases; Phase I would include all non-MCE areas and Phase II would address the MCE areas. With this concept in place, the 60 Percent Design Package for Phase I was submitted to the Regulatory Agencies in February 2002.

3. Based on a meeting held on 13 March 2002, the proposed path forward changed significantly. Design of the Section 36 Balance of Areas Implementation Project is to be completed in one inclusive design phase; therefore, the RVO/Program Management Contractor will resubmit the 60 Percent Design Package to reflect the new proposed path forward for remediation of this project. In accordance with Paragraphs 26.8-26.18 and 34.22 of the Federal Facility Agreement, the RVO is requesting approval of the revised design schedule listed below:

Revised 60 Percent Design Package Submittal	25 June 2002
95 Percent Design Package Submittal	31 October 2002* Enforceable milestone date
100 Percent Design Package Submittal	14 January 2003

4. The point of contact on this matter is Mr. James Green at 303-289-0412.

Bruce M. Huenefeld
BRUCE M. HUENEFELD
RMA Committee Coordinator

9003-2/2



00027855

AMSSB-PM-ORMA-RE

SUBJECT: 95 Percent Design Package for the Section 36 Balance of Areas Implementation Project

CF:

Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-CL/

Major M. Weslyn Erickson), Chief Counsel, Commerce City, Colorado 80022-1748

Gannett Fleming, Inc., (Ms. Carol Bicher), 999-18th Street, Suite 2075,

Denver, Colorado 80202

Shell Oil Company, (Mr. Roger B. Shakely), P.O. Box 538, Commerce City,
Colorado 80037

Washington Group, (Mr. Mark Thomson), P.O. Box 1717, Commerce City,
Colorado 80022

Holme Roberts and Owens, (Mr. Thomas F. Cope), 1700 Lincoln Street, Suite 4100,
Denver, Colorado 80203

U.S. Fish and Wildlife Service, (Mr. Tom Jackson), Rocky Mountain Arsenal, Building 111,
Commerce City, Colorado 80022-1748

Tri-County Department Environmental Health Division, (Mr. Rick Kinshella),
4201 East 72nd Avenue, Commerce City, Colorado 80222-1488

Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-D/Document Tracking
Center), Commerce City, Colorado 80022-1748



DEPARTMENT OF THE ARMY
PROGRAM MANAGER FOR ROCKY MOUNTAIN ARSENAL
COMMERCE CITY, COLORADO 80022-1748



March 28, 2002

REPLY TO
ATTENTION OF

Remedy Execution

Ms. Susan Chaki
Colorado Department of Public
Health and Environment
4300 Cherry Creek Drive South
Denver, Colorado 80246-1530

Dear Ms. Chaki:

In our letter of December 18, 2001, the Remediation Venture Office (RVO) requested a revised design schedule for the Basin F/Basin F Exterior Remediation Project - Part 2 due to field sampling work in the Basin F perimeter and ongoing design criteria discussions. While the Basin F perimeter field/analytical work and resulting data summary report have been completed, the Resource Conservation and Recovery Act equivalency working group is still focused on design criteria issues. Much progress has been made in the last couple months and efforts have been dedicated to preparing a work plan to obtain additional information.

Because of the RVO and Program Management Contractor design team focus on the work plan and other project commitments, the RVO is again requesting a design schedule change for this project in accordance with Paragraph 26.8 - 26.18, and 34.22 of the Federal Facility Agreement. The RVO requests approval of the following revised design schedule:

30 Percent Design Package Submittal	July 2, 2002
60 Percent Design Package Submittal	October 17, 2002
95 Percent Design Package Submittal	February 6, 2003
100 Percent Design Package Submittal	July 1, 2003

Copies of this letter were forwarded to:

- a. Major M. Weslyn Erickson, Chief Counsel, Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-CL), Commerce City, Colorado 80022-1748.
- b. Ms. Ginny Brannon, Attorney General's Office, CERCLA Litigation Unit, 1525 Sherman Street, 5th Floor, Denver, Colorado 80203.
- c. Mr. Mike Malusis, Geotrans Inc., 9101 Harlan Street, Suite 210, Westminster, Colorado 80030.

9018-1/2



00027889

Readiness is our Profession

d. Mr. Roger B. Shakely, Shell Oil Company, P.O. Box 538, Commerce City, Colorado 80037.

e. Mr. Mark Thomson, Washington Group, P.O. Box 1717, Commerce City, Colorado 80022.

f. Mr. Thomas Cope, Holme Roberts and Owen, Suite 4100, 1700 Lincoln Street, Denver, Colorado 80203.

g. Mr. Tom Jackson, U.S. Fish and Wildlife Service, Rocky Mountain Arsenal, Building 111, Commerce City, Colorado 80022-1748.

h. Mr. Rick Kinshella, Tri-County Department Environmental Health Division, 4201 East 72nd Avenue, Commerce City, Colorado 80222-1488.

i. Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-D), Document Tracking Center, Building 129, Commerce City, Colorado 80022-1748.

The point of contact is Mr. Lou Greer at 303-853-3951.

Sincerely,


Bruce M. Huenefeld
RMA Committee Coordinator

Enclosure



DEPARTMENT OF THE ARMY
PROGRAM MANAGER FOR ROCKY MOUNTAIN ARSENAL
COMMERCE CITY, COLORADO 80022-1748



REPLY TO
ATTENTION OF

28 March 2002

AMSSB-PM-ORMA-RE

MEMORANDUM FOR U.S. Environmental Protection Agency, (Mr. Kerry Guy), Region VIII,
Mail Code 8HWM-FF, 999-18th Street, Suite 500, Denver, Colorado 80202-2405

SUBJECT: Basin F/Basin F Exterior Remediation Project – Part 2

1. In our letter of 18 December 2001, the Remediation Venture Office (RVO) requested a revised design schedule for the Basin F/Basin F Exterior Remediation Project – Part 2 due to field sampling work in the Basin F perimeter and ongoing design criteria discussions. While the Basin F perimeter field/analytical work and resulting data summary report have been completed, the Resource Conservation and Recovery Act equivalency working group is still focused on design criteria issues. Much progress has been made in the last couple months and efforts have been dedicated to preparing a work plan to obtain additional information.

Because of the RVO and Program Management Contractor design team focus on the work plan and other project commitments, the RVO is again requesting a design schedule change for this project in accordance with Paragraph 26.8 - 26.18, and 34.22 of the Federal Facility Agreement. The RVO requests approval of the following revised design schedule:

30 Percent Design Package Submittal	2 July 2002
60 Percent Design Package Submittal	17 October 2002
95 Percent Design Package Submittal	6 February 2003
100 Percent Design Package Submittal	1 July 2003

The point of contact is Mr. Lou Greer at 303-853-3951.

Bruce M. Huenefeld
BRUCE M. HUENEFELD
RMA Committee Coordinator

9018-2/2



00027890

Readiness is our Profession

AMSSB-PM-ORMA-RE

SUBJECT: Basin F/Basin F Exterior Remediation Project – Part 2

CF:

Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-CL/

Major M. Weslyn Erickson), Chief Counsel, Commerce City, Colorado 80022-1748

Gannett Fleming, Inc., (Ms. Carol Bicher), 999-18th Street, Suite 2075,

Denver, Colorado 80202

Shell Oil Company, (Mr. Roger B. Shakely), P.O. Box 538, Commerce City,

Colorado 80037

Washington Group, (Mr. Mark Thomson), P.O. Box 1717, Commerce City,

Colorado 80022

Holme Roberts and Owens, (Mr. Thomas F. Cope), 1700 Lincoln Street, Suite 4100,

Denver, Colorado 80203

U.S. Fish and Wildlife Service, (Mr. Tom Jackson), Rocky Mountain Arsenal, Building 111,

Commerce City, Colorado 80022-1748

Tri-County Department Environmental Health Division, (Mr. Rick Kinshella),

4201 East 72nd Avenue, Commerce City, Colorado 80222-1488

Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-D/~~Document Tracking~~

Center), Commerce City, Colorado 80022-1748

4/3/02
STATE OF COLORADO

Bill Owens, Governor
Jane E. Norton, Executive Director

Dedicated to protecting and improving the health and environment of the people of Colorado

4300 Cherry Creek Dr. S. Laboratory and Radiation Services Division
Denver, Colorado 80246-1530 8100 Lowry Blvd.
Phone (303) 692-2000 Denver, Colorado 80230-6928
TDD Line (303) 691-7700 (303) 692-3090
Located in Glendale, Colorado
<http://www.cdphe.state.co.us>



Colorado Department
of Public Health
and Environment

April 1, 2002

Mr. Bruce Huenefeld
Office of Program Manager
Rocky Mountain Arsenal
AMXRM-PM, Bldg. 111
Commerce City, CO 80022-1748

Re: Revised Design Schedule for the Basin F/Basin F Exterior Remediation Project – Part 2

Dear Mr. Huenefeld:

We have received your letter of March 28, 2002 requesting an extension to the design schedule for the subject project at the Rocky Mountain Arsenal. The Colorado Department of Public Health and Environment (CDPHE) agrees with the reasons for the schedule extension, and therefore approves the revised design schedule, as detailed in the March 28, 2002 letter.

If you have any questions, I can be reached at 303.692.3341.

Sincerely,

for

Susan J. Chaki
Corrective Action Unit Leader
Federal Facilities Program

cc: Lou Greer, RVO
Mark Thomson, WGI
Roger Shakely, Shell
Tom Jackson, USF&WS
Jack Lipschultz, DOJ
Maj. Wes Erickson, DoA

Kerry Guy, EPA
Carol Bicher, Gannett-Fleming
Rick Kinshella, TCHD
Mike Malusis, GeoTrans
Ginny Brannon, AGO
Larry Bruskin, HMWMD
File: RMA – 5.7-36

9033-1/1



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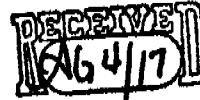


UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VIII

999 18th STREET - SUITE 500
DENVER, COLORADO 80202-2466

Mr. Bruce Huenefeld
Office of the Program Manager for RMA
ATTN: AMXRM-E
Rocky Mountain Arsenal
Commerce City, CO. 80022-2180



Re: Basin F/Basin F Exterior
Remediation Project - Part 2, Rocky
Mountain Arsenal

Dear Mr. Huenefeld:

The Environmental Protection Agency (EPA) has received the Army's request for a change of the design schedule dates for the referenced project. The EPA agrees to modify the dates to those stated in the Army's March 28, 2002 letter.

Our contact on this matter is Mr. Greg Hargreaves at 303-312-6661.

Sincerely,

for 
Kerry Gay

EPA Representative for RMA Cleanup

cc: Barbara Nabors, CDPHE
Susan Chaki, CDPHE
Roger Shakely, Shell Oil Company
Tom Jackson, USFWS
Jack Lipschultz, DOJ
Ginny Brannon, AGO
Maj. Wes Erikson, Army
Rick Kinshella, TCHD

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00028036



DEPARTMENT OF THE ARMY
PROGRAM MANAGER FOR ROCKY MOUNTAIN ARSENAL
COMMERCE CITY, COLORADO 80022-1748



March 29, 2002

REPLY TO
ATTENTION OF:

Remedy Execution

Ms. Barbara Nabors
Colorado Department of Public
Health and Environment
4300 Cherry Creek Drive South
Denver, Colorado 80246-1530

Dear Ms. Nabors:

In accordance with Paragraph 26.8 – 26.18, and 34.22 of the Federal Facility Agreement (FFA) notice is hereby given for the requirement to extend the Implementation Start Deadline for the Section 35 Soil Remediation Project. Currently this project has an enforceable deadline date of April 1, 2002. Until this time, pending the receipt of planned program funds, the Remediation Venture Office (RVO) had remained hopeful that this program would be able to begin as planned. However, due to insufficient receipt of such funds, the Army is unable to commit or obligate funds for this program at this time.

Paragraph 40.1 of the FFA recognizes that the terms of the agreement are subject to availability of appropriated funds, and no provision therein shall be interpreted to require obligation or payment of funds in violation of the Anti-Deficiency Act, 31 U.S.C. § 1341. Obligation of funds to commence this program at this time would be violation of this Act. Therefore this program will require relief from this enforceable date. When funds do become available, the program schedule will be reviewed and a new enforceable date will be proposed.

Copies of this letter were forwarded to:

- a. Major M. Weslyn Erickson, Chief Counsel, Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-CL), Commerce City, Colorado 80022-1748.
- b. Ms. Ginny Brannon, Attorney General's Office, CERCLA Litigation Unit, 1525 Sherman Street, 5th Floor, Denver, Colorado 80203.
- c. Mr. Mike Malusis, Geotrans Inc., 9101 Harlan Street, Suite 210, Westminster, Colorado 80030.
- d. Mr. Roger B. Shakely, Shell Oil Company, P.O. Box 538, Commerce City, Colorado 80037.

9020-1/2



Readiness is our Profession

e. Mr. Mark Thomson, Washington Group, P.O. Box 1717, Commerce City, Colorado 80022.

f. Mr. Thomas Cope, Holme Roberts and Owen, Suite 4100, 1700 Lincoln Street, Denver, Colorado 80203.

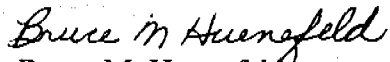
g. Mr. Tom Jackson, U.S. Fish and Wildlife Service, Rocky Mountain Arsenal, Building 111, Commerce City, Colorado 80022-1748.

h. Mr. Rick Kinshella, Tri-County Department Environmental Health Division, 4201 East 72nd Avenue, Commerce City, Colorado 80222-1488.

i. Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-D), Document Tracking Center, Building 129, Commerce City, Colorado 80022-1748.

The point of contact for this matter is Ms. Lorri Harper at 303-289-0411.

Sincerely,



Bruce M. Huenefeld
RMA Committee Coordinator



DEPARTMENT OF THE ARMY
PROGRAM MANAGER FOR ROCKY MOUNTAIN ARSENAL
COMMERCE CITY, COLORADO 80022-1748



REPLY TO
ATTENTION OF:

AMSSB-PM-ORMA-RE

29 March 2002

MEMORANDUM FOR U.S. Environmental Protection Agency, (Mr. Kerry Guy), Region VIII,
Mail Code 8HWM-FF, 999-18th Street, Suite 500, Denver, Colorado 80202-2405

SUBJECT: Delay on the Implementation Start Deadline for the Section 35 Soil Remediation
Project

1. In accordance with Paragraph 26.8 – 26.18, and 34.22 of the Federal Facility Agreement (FFA) notice is hereby given for the requirement to extend the Implementation Start Deadline for the Section 35 Soil Remediation Project. Currently this project has an enforceable deadline date of 1 April 2002. Until this time, pending the receipt of planned program funds, the Remediation Venture Office (RVO) had remained hopeful that this program would be able to begin as planned. However, due to insufficient receipt of such funds, the Army is unable to commit or obligate funds for this program at this time.
2. Paragraph 40.1 of the FFA recognizes that the terms of the agreement are subject to availability of appropriated funds, and no provision therein shall be interpreted to require obligation or payment of funds in violation of the Anti-Deficiency Act, 31 U.S.C. § 1341. Obligation of funds to commence this program at this time would be violation of this Act. Therefore this program will require relief from this enforceable date. When funds do become available, the program schedule will be reviewed and a new enforceable date will be proposed.
3. The point of contact for this matter is Ms. Lorri Harper at 303-289-0411.

Bruce M. Huenefeld
BRUCE M. HUENEFELD
RMA Committee Coordinator

9020-2/2



00027895

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AMSSB-PM-ORMA-RE

SUBJECT: Delay on the Implementation Start Deadline for the Section 35 Soil Remediation Project

CF:

Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-CL/

Major M. Weslyn Erickson), Chief Counsel, Commerce City, Colorado 80022-1748

Gannett Fleming, Inc., (Ms. Carol Bicher), 999-18th Street, Suite 2075,

Denver, Colorado 80202

Shell Oil Company, (Mr. Roger B. Shakely), P.O. Box 538, Commerce City,

Colorado 80037

Washington Group, (Mr. Mark Thomson), P.O. Box 1717, Commerce City,

Colorado 80022

Holme Roberts and Owens, (Mr. Thomas F. Cope), 1700 Lincoln Street, Suite 4100,

Denver, Colorado 80203

U.S. Fish and Wildlife Service, (Mr. Tom Jackson), Rocky Mountain Arsenal, Building 111,

Commerce City, Colorado 80022-1748

Tri-County Department Environmental Health Division, (Mr. Rick Kinshella),

4201 East 72nd Avenue, Commerce City, Colorado 80222-1488

Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-D/Document Tracking

Center), Commerce City, Colorado 80022-1748



DEPARTMENT OF THE ARMY
PROGRAM MANAGER FOR ROCKY MOUNTAIN ARSENAL
COMMERCE CITY, COLORADO 80022-1748



April 11, 2002

REPLY TO
ATTENTION OF:

Remedy Execution

Ms. Barbara Nabors
Colorado Department of Public
Health and Environment
4300 Cherry Creek Drive South
Denver, Colorado 80246-1530

Dear Ms. Nabors:

In reference to a letter dated November 26, 2001, the Remediation Venture Office (RVO) confirmed a decision by the Rocky Mountain Arsenal Committee to allow indefinite extension to the Draft Design Scope of Work (DSOW) for the Section 36 Lime Basins Soil Remediation Project. The delay was approved to allow an in-depth historical review of documents to identify potential remediation hazards and to evaluate whether the remedy should be altered. The study was completed in March 2002 and the RVO has directed the Program Management Contractor to proceed with the Record of Decision designated remedy. The RVO therefore has set the enforceable date for delivery of the Draft DSOW for May 16, 2002. The complete design schedule will be finalized and submitted in the Draft DSOW.

Copies of this letter were forwarded to:

- a. Major M. Weslyn Erickson, Chief Counsel, Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-CL), Commerce City, Colorado 80022-1748.
- b. Ms. Ginny Brannon, Attorney General's Office, CERCLA Litigation Unit, 1525 Sherman Street, 5th Floor, Denver, Colorado 80203.
- c. Mr. Mike Malusis, Geotrans Inc., 9101 Harlan Street, Suite 210, Westminster, Colorado 80030.
- d. Mr. Roger B. Shakely, Shell Oil Company, P.O. Box 538, Commerce City, Colorado 80037.
- e. Mr. Mark Thomson, Washington Group, P.O. Box 1717, Commerce City, Colorado 80022.
- f. Mr. Thomas Cope, Holme Roberts and Owen, Suite 4100, 1700 Lincoln Street, Denver, Colorado 80203.

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9065-1/2



00028003

g. Mr. Tom Jackson, U.S. Fish and Wildlife Service, Rocky Mountain Arsenal, Building 111, Commerce City, Colorado 80022-1748.

h. Mr. Rick Kinshella, Tri-County Department Environmental Health Division, 4201 East 72nd Avenue, Commerce City, Colorado 80222-1488.

i. Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-D), Document Tracking Center, Building 129, Commerce City, Colorado 80022-1748.

The point of contact on this matter is Ms. Lorri Harper at 303-289-0411.

Sincerely,


Bruce M. Huenefeld
RMA Committee Coordinator



DEPARTMENT OF THE ARMY
PROGRAM MANAGER FOR ROCKY MOUNTAIN ARSENAL
COMMERCE CITY, COLORADO 80022-1748



REPLY TO
ATTENTION OF:

AMSSB-PM-ORMA-RE

11 April 2002

MEMORANDUM FOR U.S. Environmental Protection Agency, (Mr. Kerry Guy), Region VIII, Mail
Code 8HWM-FF, 999-18th Street, Suite 500, Denver, Colorado 80202-2405

SUBJECT: Extension to the Draft Design Scope of Work (DSOW) for the Section 36 Lime Basins Soil
Remediation Project

1. In reference to a letter dated 26 November 2001, the Remediation Venture Office (RVO) confirmed a decision by the Rocky Mountain Arsenal Committee to allow indefinite extension to the Draft DSOW for the Section 36 Lime Basins Soil Remediation Project. The delay was approved to allow an in-depth historical review of documents to identify potential remediation hazards and to evaluate whether the remedy should be altered. The study was completed in March 2002 and the RVO has directed the Program Management Contractor to proceed with the Record of Decision designated remedy. The RVO therefore has set the enforceable date for delivery of the Draft DSOW for 16 May 2002. The complete design schedule will be finalized and submitted in the Draft DSOW.
2. The point of contact on this matter is Ms. Lorri Harper at 303-289-0411.

Bruce M. Huenefeld
BRUCE M. HUENEFELD
RMA Committee Coordinator

CF:

Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-CL/
Major M. Weslyn Erickson), Chief Counsel, Commerce City, Colorado 80022-1748
Gannett Fleming, Inc., (Ms. Carol Bicher), 999-18th Street, Suite 2075,
Denver, Colorado 80202
Shell Oil Company, (Mr. Roger B. Shakely), P.O. Box 538, Commerce City,
Colorado 80037
Washington Group, (Mr. Mark Thomson), P.O. Box 1717, Commerce City,
Colorado 80022
Holme Roberts and Owens, (Mr. Thomas F. Cope), 1700 Lincoln Street, Suite 4100,
Denver, Colorado 80203
U.S. Fish and Wildlife Service, (Mr. Tom Jackson), Rocky Mountain Arsenal, Building 111,
Commerce City, Colorado 80022-1748
Tri-County Department Environmental Health Division, (Mr. Rick Kinshella),
4201 East 72nd Avenue, Commerce City, Colorado 80222-1488
Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-D/Document Tracking
Center), Commerce City, Colorado 80022-1748

9065-2/2



00028004

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DEPARTMENT OF THE ARMY
PROGRAM MANAGER FOR ROCKY MOUNTAIN ARSENAL
COMMERCE CITY, COLORADO 80022-1748

April 18, 2002

REPLY TO
ATTENTION OF:

Remedy Execution

Ms. Barbara Nabors
Colorado Department of Public
Health and Environment
4300 Cherry Creek Drive South
Denver, Colorado 80246-1530

Dear Ms. Nabors:

In reference to a letter dated October 4, 2001, the Remediation Venture Office (RVO) requested that the enforceable finish milestone date for the Burial Trenches Soil Remediation (BT) project be extended to a future date, to be determined by April 30, 2002. Therefore, the RVO, in accordance with Paragraphs 26.8-26.18 and 34.22 of the Federal Facility Agreement, is setting October 14, 2002, as the enforceable finish milestone date.

The RVO Summary and Evaluation Team has assigned new work scope to the BT project at the following sites: BT29-01 and 02, BT30-01, and BT32-11, in addition to the completion of site ESA-2c. At this time, the Program Management Contractor is awaiting Department of Defense Explosive Safety Board approval of both the Chemical Site Safety Submission and the Explosive Site Safety Submission, which is a prerequisite for commencement of field work. Approval is scheduled for mid to late May 2002.

Copies of this letter were forwarded to:

- a. Major M. Weslyn Erickson, Chief Counsel, Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-CL), Commerce City, Colorado 80022-1748.
- b. Ms. Ginny Brannon, Attorney General's Office, CERCLA Litigation Unit, 1525 Sherman Street, 5th Floor, Denver, Colorado 80203.
- c. Mr. Mike Malusis, Geotrans Inc., 9101 Harlan Street, Suite 210, Westminster, Colorado 80030.
- d. Mr. Roger B. Shakely, Shell Oil Company, P.O. Box 538, Commerce City, Colorado 80037.
- e. Mr. Mark Thomson, Washington Group, P.O. Box 1717, Commerce City, Colorado 80022.

9082-1/2



00028053

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f. Mr. Thomas Cope, Holme Roberts and Owen, Suite 4100, 1700 Lincoln Street, Denver, Colorado 80203.


g. Mr. Tom Jackson, U.S. Fish and Wildlife Service, Rocky Mountain Arsenal, Building 111, Commerce City, Colorado 80022-1748.

h. Mr. Rick Kinshella, Tri-County Department Environmental Health Division, 4201 East 72nd Avenue, Commerce City, Colorado 80222-1488.

i. Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-D), Document Tracking Center, Building 129, Commerce City, Colorado 80022-1748.

The point of contact on this matter is Mr. James L. Green at 303-289-0412.

Sincerely,


Bruce M. Huenefeld
RMA Committee Coordinator



DEPARTMENT OF THE ARMY
PROGRAM MANAGER FOR ROCKY MOUNTAIN ARSENAL
COMMERCE CITY, COLORADO 80022-1748

REPLY TO
ATTENTION OF:

AMSSB-PM-ORMA-RE

18 April 2002

MEMORANDUM FOR U.S. Environmental Protection Agency, (Mr. Kerry Guy), Region VIII,
Mail Code 8HWM-FF, 999-18th Street, Suite 500, Denver, Colorado 80202-2405

SUBJECT: Milestone Date For Burial Trenches Soil Remediation Project

1. In reference to a letter dated 4 October 2001, the Remediation Venture Office (RVO) requested that the enforceable finish milestone date for the Burial Trenches Soil Remediation (BT) project be extended to a future date, to be determined by 30 April 2002. Therefore, the RVO, in accordance with Paragraphs 26.8-26.18 and 34.22 of the Federal Facility Agreement, is setting 14 October 2002, as the enforceable finish milestone date.
2. The RVO Summary and Evaluation Team has assigned new work scope to the BT project at the following sites: BT29-01 and 02, BT30-01, and BT32-11, in addition to the completion of site ESA-2c. At this time, the Program Management Contractor is awaiting Department of Defense Explosive Safety Board approval of both the Chemical Site Safety Submission and the Explosive Site Safety Submission, which is a prerequisite for commencement of field work. Approval is scheduled for mid to late May 2002.
3. The point of contact on this matter is Mr. James L. Green at 303-289-0412.

Bruce M Huenefeld
BRUCE M. HUENEFELD
RMA Committee Coordinator

9082-2/2



00028054

Readiness is our Profession

AMSSB-PM-ORMA-RE

SUBJECT: Milestone Date For Burial Trenches Soil Remediation Project

CF:

Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-CL/

Major M. Weslyn Erickson), Chief Counsel, Commerce City, Colorado 80022-1748

Gannett Fleming, Inc., (Ms. Carol Bicher), 999-18th Street, Suite 2075,

Denver, Colorado 80202

Shell Oil Company, (Mr. Roger B. Shakely), P.O. Box 538, Commerce City,
Colorado 80037

Washington Group, (Mr. Mark Thomson), P.O. Box 1717, Commerce City,
Colorado 80022

Holme Roberts and Owens, (Mr. Thomas F. Cope), 1700 Lincoln Street, Suite 4100,
Denver, Colorado 80203

U.S. Fish and Wildlife Service, (Mr. Tom Jackson), Rocky Mountain Arsenal, Building 111,
Commerce City, Colorado 80022-1748

Tri-County Department Environmental Health Division, (Mr. Rick Kinshella),
4201 East 72nd Avenue, Commerce City, Colorado 80222-1488

Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-D/Document Tracking
Center), Commerce City, Colorado 80022-1748



DEPARTMENT OF THE ARMY
PROGRAM MANAGER FOR ROCKY MOUNTAIN ARSENAL
COMMERCE CITY, COLORADO 80022-1748



June 6, 2002

REPLY TO
ATTENTION OF:

Remedy Execution

Ms. Susan Chaki
Colorado Department of Public
Health and Environment
4300 Cherry Creek Drive South
Denver, Colorado 80246-1530

Dear Ms. Chaki:

In our letter dated January 17, 2002, we requested a change in the enforceable milestone date for submittal of the Draft Design Scope of Work (DDSOW) for the Complex (Army) Disposal Trenches Remediation – Cover Project from January 10, 2002 to July 2, 2002. The reason for the proposed change was so that the project design could follow behind the design process of the Basin F and Basin F Exterior Remediation – Phase II Project.

Because Resource Conservation and Recovery Act (RCRA)-equivalency issues are still being resolved and the Basin F and Basin F Exterior Remediation – Phase II Project does not yet have a completed 30 Percent Design Package, the RVO again requests a change in the enforceable milestone date for submittal of the DDSOW for the Complex (Army) Disposal Trenches Remediation – Cover Project. This schedule change is necessary to retain appropriate project sequence with RCRA-equivalent cover projects and allow the Complex (Army) Disposal Trenches Remediation – Cover Project design to incorporate results of negotiated approaches to design criteria developed during the Basin F RCRA-equivalent cover design. Therefore, in accordance with Paragraphs 34.22 and 26.11 of the Federal Facility Agreement, the RVO requests a change in the submittal of the DDSOW for the Complex (Army) Disposal Trenches Remediation – Cover Project from July 2, 2002 to January 9, 2003.

Copies of this letter were forwarded to:

- a. Major M. Weslyn Erickson, Chief Counsel, Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-CL), Commerce City, Colorado 80022-1748 (w/encl).
- b. Ms. Ginny Brannon, Attorney General's Office, CERCLA Litigation Unit, 1525 Sherman Street, 5th Floor, Denver, Colorado 80203 (w/encl).
- c. Mr. Mike Malusis, Geotrans Inc., 9101 Harlan Street, Suite 210, Westminster, Colorado 80030 (w/encl 2 copies).

9221-1/2



00028552

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d. Mr. Roger B. Shakely, Shell Oil Company, P.O. Box 538, Commerce City, Colorado 80037 (w/encl).

e. Mr. Mark Thomson, Washington Group, P.O. Box 1717, Commerce City, Colorado 80022 (w/o encl).

f. Mr. Thomas Cope, Holme Roberts and Owen, Suite 4100, 1700 Lincoln Street, Denver, Colorado 80203 (w/encl).

g. Mr. Tom Jackson, U.S. Fish and Wildlife Service, Rocky Mountain Arsenal, Building 111, Commerce City, Colorado 80022-1748 (w/encl).

h. Mr. Rick Kinshella, Tri-County Department Environmental Health Division, 4201 East 72nd Avenue, Commerce City, Colorado 80222-1488 (w/encl).

i. Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-D), Document Tracking Center, Building 129, Commerce City, Colorado 80022-1748 (w/encl).

The point of contact on this matter is Mr. Lou Greer at 303-853-3951.

Sincerely,


Bruce M. Huenefeld
RMA Committee Coordinator



DEPARTMENT OF THE ARMY
PROGRAM MANAGER FOR ROCKY MOUNTAIN ARSENAL
COMMERCE CITY, COLORADO 80022-1748



REPLY TO
ATTENTION OF:

AMSSB-PM-ORMA-RE

6 June 2002

MEMORANDUM FOR U.S. Environmental Protection Agency, (Mr. Kerry Guy), Region VIII,
Mail Code 8HWM-FF, 999-18th Street, Suite 500, Denver, Colorado 80202-2405

SUBJECT: Request for a change in the enforceable milestone date for the Draft Design Scope of
Work (DDSOW) for the Complex (Army) Disposal Trenches Remediation – Cover Project

1. In our letter dated 17 January 2002, we requested a change in the enforceable milestone date for submittal of the DDSOW for the Complex (Army) Disposal Trenches Remediation – Cover Project from 10 January 2002 to 2 July 2002. The reason for the proposed change was so that the project design could follow behind the design process of the Basin F and Basin F Exterior Remediation – Phase II Project.

2. Because Resource Conservation and Recovery Act (RCRA)-equivalency issues are still being resolved and the Basin F and Basin F Exterior Remediation – Phase II Project does not yet have a completed 30 Percent Design Package, the RVO again requests a change in the enforceable milestone date for submittal of the DDSOW for the Complex (Army) Disposal Trenches Remediation – Cover Project. This schedule change is necessary to retain appropriate project sequence with RCRA-equivalent cover projects and allow the Complex (Army) Disposal Trenches Remediation – Cover Project design to incorporate results of negotiated approaches to design criteria developed during the Basin F RCRA-equivalent cover design. Therefore, in accordance with Paragraphs 34.22 and 26.11 of the Federal Facility Agreement, the RVO requests a change in the submittal of the DDSOW for the Complex (Army) Disposal Trenches Remediation – Cover Project from 2 July 2002 to 9 January 2003.

3. The point of contact on this matter is Mr. Lou Greer at 303-853-3951.

Bruce M. Huenefeld
BRUCE M. HUENEFELD
RMA Committee Coordinator

CF:

Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-CL/
Major M. Weslyn Erickson), Chief Counsel, Commerce City Colorado 80022-1748 (wo/encl)
Gannett Fleming, Inc., (Ms. Carol Bicher), 999-18th Street, Suite 2075,
Denver, Colorado 80202 (w/encl)

9221-2/2



00028553

Readiness is our Profession

AMSSB-PM-ORMA-RE

SUBJECT: Request for a change in the enforceable milestone date for the Draft Design Scope of Work (DDSOW) for the Complex (Army) Disposal Trenches Remediation – Cover Project

CF: (CONT)

**Shell Oil Company, (Mr. Roger B. Shakely), P.O. Box 538, Commerce City,
Colorado 80037 (wo/encl)**

**Washington Group, (Mr. Mark Thomson), P.O. Box 1717, Commerce City,
Colorado 80022 (wo/encl)**

**Holme Roberts and Owens, (Mr. Thomas F. Cope), 1700 Lincoln Street, Suite 4100,
Denver, Colorado 80203 (wo/encl)**

**U.S. Fish and Wildlife Service, (Mr. Tom Jackson), Rocky Mountain Arsenal, Building 111,
Commerce City, Colorado 80022-1748 (wo/encl)**

**Tri-County Department Environmental Health Division, (Mr. Rick Kinshella),
4201 East 72nd Avenue, Commerce City, Colorado 80222-1488 (wo/encl)**

**Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-D/Document Tracking
Center), Commerce City, Colorado 80022-1748 (wo/encl)**

RECEIVED
6/11/02

STATE OF COLORADO

Bill Owens, Governor
Jane E. Norton, Executive Director

Dedicated to protecting and improving the health and environment of the people of Colorado

4300 Cherry Creek Dr. S.
Denver, Colorado 80246-1530
Phone (303) 692-2000
TDD Line (303) 691-7700
Located in Glendale, Colorado

Laboratory and Radiation Services Division
8100 Lowry Blvd.
Denver, Colorado 80230-6928
(303) 692-3090

<http://www.cdphe.state.co.us>



Colorado Department
of Public Health
and Environment

June 10, 2002

Mr. Bruce Huenefeld
Office of Program Manager
Rocky Mountain Arsenal
AMXRM-PM, Bldg. 111
Commerce City, CO 80022-1748

Re: Schedule Extension Request for Draft Design Scope of Work for the Complex (Army) Disposal
Trenches Remediation – Cover Project

Dear Mr. Huenefeld:

We have received your request to change the schedule for the submittal of the Draft Design Scope of Work for the Complex (Army) Disposal Trenches Remediation – Cover Project from July 2, 2002 to January 9, 2003. Since certain RCRA-equivalency issues are still being resolved and the Basin F and Basin F Exterior Remediation – Phase II Project does not yet have a completed 30 Percent Design Package, we approve the requested change.

If you have any questions, please call me at 303.692.3341.

Sincerely,

Susan Chaki
Corrective Action Unit Leader
Federal Facilities Program

cc: Lou Greer, WG
Mark Thomson, Washington Group
Roger Shakely, Shell
Tom Jackson, USF&WS
Thomas Cope, HRO
Maj. Wes Erickson, DoA

Kerry Guy, EPA
Norman Ng-A-Qui, Gannett-Fleming
Rick Kinshella, TCHD
Mike Malusis, GeoTrans
Ginny Brannon, AGO
Larry Bruskin, HMWMD
File: RMA 5.1.2 – Proj #20

9230-1/1



00028572

RECEIVED
6/11/02

STATE OF COLORADO

Bill Owens, Governor
Jane E. Norton, Executive Director

Dedicated to protecting and improving the health and environment of the people of Colorado

4300 Cherry Creek Dr. S.
Denver, Colorado 80246-1530
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Colorado Department
of Public Health
and Environment

June 10, 2002

Mr. Bruce Huenefeld
Office of Program Manager
Rocky Mountain Arsenal
AMXRM-PM, Bldg. 111
Commerce City, CO 80022-1748

Re: Schedule Extension Request for Draft Design Scope of Work for the Complex (Army) Disposal
Trenches Remediation – Cover Project

Dear Mr. Huenefeld:

We have received your request to change the schedule for the submittal of the Draft Design Scope of Work for the Complex (Army) Disposal Trenches Remediation – Cover Project from July 2, 2002 to January 9, 2003. Since certain RCRA-equivalency issues are still being resolved and the Basin F and Basin F Exterior Remediation – Phase II Project does not yet have a completed 30 Percent Design Package, we approve the requested change.

If you have any questions, please call me at 303.692.3341.

Sincerely,

Susan Chaki
Corrective Action Unit Leader
Federal Facilities Program

cc: Lou Greer, WG
Mark Thomson, Washington Group
Roger Shakely, Shell
Tom Jackson, USF&WS
Thomas Cope, HRO
Maj. Wes Erickson, DoA

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Rick Kinshella, TCHD
Mike Malusis, GeoTrans
Ginny Brannon, AGO
Larry Bruskin, HMWMD
File: RMA 5.1.2 – Proj #20

9230-1/1



00028572



DEPARTMENT OF THE ARMY
PROGRAM MANAGER FOR ROCKY MOUNTAIN ARSENAL
COMMERCE CITY, COLORADO 80022-1748



June 6, 2002

REPLY TO
ATTENTION OF.

Remedy Execution

Ms. Susan Chaki
Colorado Department of Public
Health and Environment
4300 Cherry Creek Drive South
Denver, Colorado 80246-1530

Dear Ms. Chaki:

In our letter dated January 17, 2002, we requested a change in the enforceable milestone date for submittal of the Draft Design Scope of Work (DDSOW) for the Shell Trenches Remediation - Cover Project from January 10, 2002 to July 2, 2002. The reason for the proposed change was so that the project design could follow behind the design process of the Basin F and Basin F Exterior Remediation - Phase II Project.

Because Resource Conservation and Recovery Act (RCRA)-equivalency issues are still being resolved and the Basin F and Basin F Exterior Remediation - Phase II Project does not yet have a completed 30 Percent Design Package, the RVO again requests a change in the enforceable milestone date for submittal of the DDSOW for the Shell Trenches Remediation - Cover Project. This schedule change is necessary to retain appropriate project sequence with RCRA-equivalent cover projects and allow the Shell Trenches Remediation - Cover Project design to incorporate results of negotiated approaches to design criteria developed during the Basin F RCRA-equivalent cover design. Therefore, in accordance with Paragraphs 34.22 and 26.11 of the Federal Facility Agreement, the RVO requests a change in the submittal of the DDSOW for the Shell Trenches Remediation - Cover Project from July 2, 2002 to January 9, 2003.

Copies of this letter were forwarded to:

- a. Major M. Weslyn Erickson, Chief Counsel, Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-CL), Commerce City, Colorado 80022-1748 (w/encl).
- b. Ms. Ginny Brannon, Attorney General's Office, CERCLA Litigation Unit, 1525 Sherman Street, 5th Floor, Denver, Colorado 80203 (w/encl).
- c. Mr. Mike Malusis, Geotrans Inc., 9101 Harlan Street, Suite 210, Westminster, Colorado 80030 (w/encl 2 copies).

9220-1/2



00028550

Readiness is our Profession

d. Mr. Roger B. Shakely, Shell Oil Company, P.O. Box 538, Commerce City, Colorado 80037 (w/encl).

e. Mr. Mark Thomson, Washington Group, P.O. Box 1717, Commerce City, Colorado 80022 (w/o encl).

f. Mr. Thomas Cope, Holme Roberts and Owen, Suite 4100, 1700 Lincoln Street, Denver, Colorado 80203 (w/encl).

g. Mr. Tom Jackson, U.S. Fish and Wildlife Service, Rocky Mountain Arsenal, Building 111, Commerce City, Colorado 80022-1748 (w/encl).

h. Mr. Rick Kinshella, Tri-County Department Environmental Health Division, 4201 East 72nd Avenue, Commerce City, Colorado 80222-1488 (w/encl).

i. Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-D), Document Tracking Center, Building 129, Commerce City, Colorado 80022-1748 (w/encl).

The point of contact on this matter is Mr. Lou Greer at 303-853-3951.

Sincerely,


Bruce M. Huenefeld

RMA Committee Coordinator



DEPARTMENT OF THE ARMY
PROGRAM MANAGER FOR ROCKY MOUNTAIN ARSENAL
COMMERCE CITY, COLORADO 80022-1748



REPLY TO
ATTENTION OF:

AMSSB-PM-ORMA-RE

6 June 2002

MEMORANDUM FOR U.S. Environmental Protection Agency, (Mr. Kerry Guy), Region VIII,
Mail Code 8HWM-FF, 999-18th Street, Suite 500, Denver, Colorado 80202-2405

SUBJECT: Request for a change in the enforceable milestone date for submittal of the Draft
Design Scope of Work (DDSOW) for the Shell Trenches Remediation - Cover Project

1. In our letter dated 17 January 2002, we requested a change in the enforceable milestone date for submittal of the DDSOW for the Shell Trenches Remediation - Cover Project from 10 January 2002 to 2 July 2002. The reason for the proposed change was so that the project design could follow behind the design process of the Basin F and Basin F Exterior Remediation - Phase II Project.
2. Because Resource Conservation and Recovery Act (RCRA)-equivalency issues are still being resolved and the Basin F and Basin F Exterior Remediation - Phase II Project does not yet have a completed 30 Percent Design Package, the RVO again requests a change in the enforceable milestone date for submittal of the DDSOW for the Shell Trenches Remediation - Cover Project. This schedule change is necessary to retain appropriate project sequence with RCRA-equivalent cover projects and allow the Shell Trenches Remediation - Cover Project design to incorporate results of negotiated approaches to design criteria developed during the Basin F RCRA-equivalent cover design. Therefore, in accordance with Paragraphs 34.22 and 26.11 of the Federal Facility Agreement, the RVO requests a change in the submittal of the DDSOW for the Shell Trenches Remediation - Cover Project from 2 July 2002 to 9 January 2003.
3. The point of contact on this matter is Mr. Lou Greer at 303-853-3951.

Bruce M. Huenefeld
BRUCE M. HUENEFELD
RMA Committee Coordinator

CF:

Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-CL/
Major M. Weslyn Erickson), Chief Counsel, Commerce City Colorado 80022-1748 (wo/encl)
Gannett Fleming, Inc., (Ms. Carol Bicher), 999-18th Street, Suite 2075,
Denver, Colorado 80202 (w/encl)
Shell Oil Company, (Mr. Roger B. Shakely), P.O. Box 538, Commerce City,
Colorado 80037 (wo/encl)

9220-2/2



00028551

Readiness is our Profession

AMSSB-PM-ORMA-RE

SUBJECT: Request for a change in the enforceable milestone date for submittal of the Draft Design Scope of Work (DDSOW) for the Shell Trenches Remediation - Cover Project

CF: (CONF)

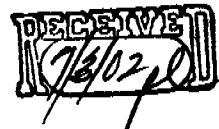
**Washington Group, (Mr. Mark Thomson), P.O. Box 1717, Commerce City,
Colorado 80022 (wo/encl)**

**Holme Roberts and Owens, (Mr. Thomas F. Cope), 1700 Lincoln Street, Suite 4100,
Denver, Colorado 80203 (wo/encl)**

**U.S. Fish and Wildlife Service, (Mr. Tom Jackson), Rocky Mountain Arsenal, Building 111,
Commerce City, Colorado 80022-1748 (wo/encl)**

**Tri-County Department Environmental Health Division, (Mr. Rick Kinshella),
4201 East 72nd Avenue, Commerce City, Colorado 80222-1488 (wo/encl)**

**Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-D/Document Tracking
Center), Commerce City, Colorado 80022-1748 (wo/encl)**



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8

999 18TH STREET - SUITE 300

DENVER, CO 80202-2466

Phone 800-227-8917

<http://www.epa.gov/region08>

Ref: 8EPR

JUL 2 2002

Mr. Bruce Huenefeld
Office of the Program Manager for RMA
ATTN: AMXRM-E
Rocky Mountain Arsenal
Commerce City, CO 80022-2180

Re: Rocky Mountain Arsenal; South Plants Demolition and
Removal Project Phase 2 Construction Completion
Report

Dear Mr. Huenefeld:

The Environmental Protection Agency (EPA) has completed review of the Construction Completion Report (CCR) for the South Plants Demolition and Removal Project Phase 2 submitted by the Remediation Venture Office. The CCR, in compliance with OSWER Directive 9355.0-4B (Remedial Design/Remedial Action Handbook), documents the remedial action activities which have been accomplished to date, including:

- Completion of all construction items defined in the Project Scope of Work and Final Design Package, as modified;
- Completion of the Project remedy in accordance with the goals established in the 1996 On-Post Record of Decision;
- The conduct of a final inspection by the Colorado Department of Public Health and Environment (CDPHE) and EPA;
- CDPHE concurrence with the CCR via enclosed letter.

Accordingly, EPA approves the CCR as submitted and accepts the South Plants Demolition and Removal Project Phase 2 as complete.

Sincerely,

Max H. Dodson
Assistant Regional Administrator
Office of Ecosystems Protection and Remediation

Enclosure: CDPHE Concurrence Letter

9308-1/1



00028748

STATE OF COLORADO

Waters, Governor
E. Norton, Executive Director

Dedicated to protecting and improving the health and environment of the people of Colorado

4300 Cherry Creek Dr. S.
Denver, Colorado 80246-1530
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Colorado Department
of Public Health
and Environment

May 8, 2002

Max Dodson
Assistant Regional Administrator
Office of Ecosystem Protection & Remediation
US EPA Region VIII
999 18th Street, Suite 500
Denver, Colorado 80202-2405

RE: Rocky Mountain Arsenal - South Plants Structure Demolition and Removal Project, Phase 2,
Construction Completion Report

Dear Mr. Dodson:

My staff has reviewed the construction completion report for the Rocky Mountain Arsenal South Plants Structure Demolition and Removal Project, Phase 2, dated April 18, 2002. This report was evaluated for compliance with the objectives described in the Onpost Record of Decision, as appended by the Remediation Design and Implementation Schedule, and the final design specifications and drawings for the project. Based upon this evaluation and our observations while the work was being performed, I am pleased to inform you of the State's concurrence with the construction completion report.

Sincerely,

Howard Roitman
Director, Hazardous Materials and
Waste Management Division

cc: Bruce Huenefeld, RMA
Mike Malusis, GeoTrans
Tom Jackson, USFWS
Kerry Guy, EPA (3 copies)
Barbara Nabors, CDPHE

Ginny Brannon, AGO
Mark Thomson, Shell Oil
Rick Kinshella, TCHD
RMA File #7.6-8

9308-1/1-A



00028368

cc: Barbara Nabors, CDPHE (without enclosure)
Ginny Brannon, CO-AG Office
Mark Thomson, Washington Group International
Major Wes Erickson, PMRMA
Tom Jackson, USFWS
Jack Lipshultz, DOJ
Rick Kinshella, TCHD
Jim Green, PMRMA
Kelly Cable, Washington Group International
(All with enclosure)



DEPARTMENT OF THE ARMY
PROGRAM MANAGER FOR ROCKY MOUNTAIN ARSENAL
COMMERCE CITY, COLORADO 80022-1748

July 9, 2002

REPLY TO
ATTENTION OF
Remedy Execution

Ms. Barbara Nabors
Colorado Department of Public
Health and Environment
4300 Cherry Creek Drive South
Denver, Colorado 80246-1530

Dear Ms. Nabors:

Currently the Remediation Design and Implementation Schedule (RDIS) (December 2001) shows an enforceable Finish Deadline of July 15, 2002, for the Hex Pit Soil Remediation Project. Due to the failed technology, the remediation of the Hex Pit Soils under the current design has been canceled. The Remediation Venture Office (RVO) and Program Management Contractor are currently putting into place a three-step process to change the approach to remediation of the Hex Pit Soils. The three steps are as follows:

a. Develop/Implement a Sampling and Analysis Plan (SAP) to determine Hazardous Waste Landfill (HWL) liner compatibility with the Hex Pit Soils.

b. Introduce/present/receive approval of an amendment to the Record of Decision prescribed method of remediation of the Hex Pit Soils.

c. Re-design the remediation of the Hex Pit Soils Implementation Project.

In accordance with Paragraph 26.8-26.18 and 34.22 of the Federal Facility Agreement, the RVO is requesting approval of the following pre-design and remediation re-design schedule for the Hex Pit Soils Remediation Project:

Pre-Design

Develop/Implement SAP
To determine soil to HWL liner compatibility

June 24, 2002 – August 30, 2002

ROD Amendment Process

June 24, 2002 – January 27, 2003



00028784 9582 - 1

Remedial Design

Draft Design Scope of Work	February 3, 2003 – Enforceable
Prepare 30 Percent (Conceptual) Design	April 28, 2003
Prepare 95 Percent Design	August 6, 2003 – Enforceable
Prepare 100 Percent Design	November 13, 2003

Note: Design schedule is contingent on the success and timeliness of the SAP and approval of the ROD Amendment.

Copies of this letter were forwarded to:

- a. Major M. Weslyn Erickson, Chief Counsel, Program Manager Rocky Mountain Arsenal (AMSSB-PM-ORMA-CL), Commerce City, Colorado 80022-1748 (w/o encl).
- b. Ms. Ginny Brannon, Attorney General's Office, CERCLA Litigation Unit, 1525 Sherman Street, 5th Floor, Denver, Colorado 80203 (w/o encl).
- c. Mr. Mike Malusis, Geotrans Inc., 9101 Harlan Street, Suite 210, Westminster, Colorado 80030 (w/o encl).
- d. Mr. Roger B. Shakely, Shell Oil Company, P.O. Box 538, Commerce City, Colorado 80037 (w/o encl).
- e. Mr. Mark Thomson, Washington Group, P.O. Box 1717, Commerce City, Colorado 80022 (w/o encl).
- f. Mr. Thomas Cope, Holme Roberts and Owen, 1700 Lincoln Street, Suite 4100, Denver, Colorado 80203 (w/o encl).
- g. Mr. Tom Jackson, U.S. Fish and Wildlife Service, Rocky Mountain Arsenal, Building 111, Commerce City, Colorado 80022-1748 (w/o encl).
- h. Mr. Thomas J. Butts, Tri-County Department Environmental Health Division, 4201 East 72nd Avenue, Commerce City, Colorado 80222-1488 (w/o encl).
- i. Program Manager Rocky Mountain Arsenal (AMSSB-PM-ORMA-D), Document Tracking Center, Building 129, Commerce City, Colorado 80022-1748 (w/o encl).

-3-

The point of contact on this matter is Ms. Lorri Harper at 303-289-0411.

Sincerely,


Bruce M. Huencfeld
RMA Committee Coordinator



DEPARTMENT OF THE ARMY
PROGRAM MANAGER FOR ROCKY MOUNTAIN ARSENAL
COMMERCE CITY, COLORADO 80022-1748

REPLY TO
ATTENTION OF
AMSSB-PM-ORMA-RE

9 July 2002

MEMORANDUM FOR U.S. Environmental Protection Agency, (Mr. Kerry Guy), Region VIII,
Mail Code 8HWM-FF, 999-18th Street, Suite 500, Denver, Colorado 80202-2405

SUBJECT: Enforceable Finish Deadline of 15 July 2002, for the Hex Pit Soil Remediation Project

1. Currently the Remediation Design and Implementation Schedule (RDIS) (December 2001) shows an enforceable Finish Deadline of 15 July 2002, for the Hex Pit Soil Remediation Project. Due to the failed technology, the remediation of the Hex Pit Soils under the current design has been canceled. The Remediation Venture Office (RVO) and Program Management Contractor are currently putting into place a three-step process to change the approach to remediation of the Hex Pit Soils. The three steps are as follows:

a. Develop/Implement a Sampling and Analysis Plan (SAP) to determine Hazardous Waste Landfill (HWL) liner compatibility with the Hex Pit Soils.

b. Introduce/present/receive approval of an amendment to the Record of Decision prescribed method of remediation of the Hex Pit Soils.

c. Re-design the remediation of the Hex Pit Soils Implementation Project.

2. In accordance with Paragraph 26.8-26.18 and 34.22 of the Federal Facility Agreement, the RVO is requesting approval of the following pre-design and remediation re-design schedule for the Hex Pit Soils Remediation Project:

Pre-Design

Develop/Implement SAP To determine soil to HWL liner compatibility	24 June 2002 – 30 August 2002
---	-------------------------------

ROD Amendment Process	24 June 2002 – 27 January 2003
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Remedial Design

Draft Design Scope of Work	3 February 2003 – Enforceable
----------------------------	-------------------------------

Prepare 30 Percent (Conceptual) Design	28 April 2003
--	---------------



00028785

9582 - 2

AMSSB-PM-ORMA-RE

SUBJECT: Enforceable Finish Deadline of 15 July 2002, for the Hex Pit Soil Remediation Project

Prepare 95 Percent Design


6 August 2003 – Enforceable

Prepare 100 Percent Design

13 November 2003

Note: Design schedule is contingent on the success and timeliness of the SAP and approval of the ROD Amendment.

3. The point of contact on this matter is Ms. Lorri Harper at 303-289-0411.


BRUCE M. HUENEFELD
RMA Committee Coordinator

CF:

Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-CL/

Major M. Weslyn Erickson), Chief Counsel, Commerce City, Colorado 80022-1748 (wo/encl)

Gannett Fleming, Inc., (Ms. Carol Bicher), 999-18th Street, Suite 2075,

Denver, Colorado 80202 (wo/encl)

Shell Oil Company, (Mr. Roger B. Shakely), P.O. Box 538,

Commerce City, Colorado 80037 (wo/encl)

Washington Group, (Mr. Mark Thomson), P.O. Box 1717,

Commerce City, Colorado 80022 (wo/encl)

Holme Roberts and Owens, (Mr. Thomas F. Cope), 1700 Lincoln Street, Suite 4100,

Denver, Colorado 80203 (wo/encl)

U.S. Fish and Wildlife Service, (Mr. Tom Jackson), Rocky Mountain Arsenal,

Building 111, Commerce City, Colorado 80022-1748 (wo/encl)

Tri-County Department Environmental Health Division, (Mr. Thomas J. Butts),

4201 East 72nd Avenue, Commerce City, Colorado 80222-1488 (wo/encl)

Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-D/

Document Tracking Center), Commerce City, Colorado 80022-1748 (wo/encl)



RECEIVED
7/24/02

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8
999 18TH STREET - SUITE 300
DENVER, CO 80202-2466
Phone 800-227-8917
<http://www.epa.gov/region08>

JUL 18 2002

Ref: 8EPR

Mr. Bruce Huenefeld
Office of the Program Manager for RMA
ATTN: AMXRM-E
Rocky Mountain Arsenal
Commerce City, CO 80022-2180

Re: M-1 Pits Soil Remediation Project Final Construction
Completion Report; Rocky Mountain Arsenal

Dear Mr. Huenefeld:

The Environmental Protection Agency (EPA) has completed review of the Construction Completion Report (CCR) for the M-1 Pits Soil Remediation Project submitted by the Remediation Venture Office. The CCR, in compliance with OSWER Directive 9355.0-4B (Remedial Design/Remedial Action Handbook), documents the remedial action activities which have been accomplished to date, including:

- Completion of all construction items defined in the Project Scope of Work and Final Design Package, as modified;
- Completion of the Project remedy in accordance with the goals established in the 1996 On-Post Record of Decision;
- The conduct of a final inspection by the Colorado Department of Public Health and Environment (CDPHE) and EPA;
- CDPHE concurrence with the CCR via enclosed letter.

Accordingly, EPA approves the CCR as submitted and accepts the M-1 Pits Soil Remediation Project as complete.

Sincerely,

Max H. Dodson
Assistant Regional Administrator
Office of Ecosystems Protection and Remediation

Enclosure: CDPHE Concurrence Letter



00028382 9610-1

RECEIVED
7/9/02

STATE OF COLORADO

Bill Owens, Governor
Jane E. Norton, Executive Director

Dedicated to protecting and improving the health and environment of the people of Colorado

4300 Cherry Creek Dr. S. Laboratory and Radiation Services Division
Denver, Colorado 80246-1530 8100 Lowry Blvd.
Phone (303) 692-2000 Denver, Colorado 80230-6928
TDD Line (303) 691-7700 (303) 692-3090
Located in Glendale, Colorado
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Colorado Department
of Public Health
and Environment

July 5, 2002

Max Dodson
Assistant Regional Administrator
Office of Ecosystem Protection & Remediation
US EPA Region VIII
999 18th Street, Suite 500
Denver, Colorado 80202-2405

RE: Rocky Mountain Arsenal – Buried M-1 Pits Soil Remediation Project Construction Completion Report

Dear Mr. Dodson:

My staff has reviewed the construction completion report for the Rocky Mountain Arsenal Buried M-1 Pits Soil Remediation Project, dated April 9, 2002. This report, along with the companion document entitled Buried M-1 Pits Soil Remediation Project 2001 Air Quality Report, was evaluated for compliance with the objectives described in the Onpost Record of Decision, as appended by the Remediation Design and Implementation Schedule, and the final design specifications and drawings for the project. Based upon this evaluation and our observations while the work was being performed, I am pleased to inform you of the State's concurrence with the construction completion report. As you know, ten major lessons learned were developed as a result of the substantial implementation difficulties that characterized the M-1 Pits Soil Remediation Project. The CDPHE supports these lessons learned and urges that they be fully embraced to help ensure the success of future Arsenal soil excavation projects.

Sincerely,

Howard Roitman
Director, Hazardous Materials and
Waste Management Division

cc: Bruce Huenefeld, RMA
Mike Malusis, GeoTrans
Tom Jackson, USFWS
Kerry Guy, EPA (3 copies)

Ginny Brannon, AGO
Mark Thomson, Shell Oil
Rick Kinshella, TCHD
RMA File #7.6-13





DEPARTMENT OF THE ARMY
PROGRAM MANAGER FOR ROCKY MOUNTAIN ARSENAL
COMMERCE CITY, COLORADO 80022-1748

REPLY TO
ATTENTION OF
AMSSB-PM-ORMA-RE

25 July 2002

MEMORANDUM FOR U.S. Environmental Protection Agency, (Mr. Kerry Guy), Region VIII,
Mail Code 8HWM-FF, 999-18th Street, Suite 500, Denver, Colorado 80202-2405

SUBJECT: Final Design Scope of Work (DSOW) for the Sanitary Sewer Manhole Plugging
Project – Phase II

1. Enclosed is the Final DSOW for the Sanitary Sewer Manhole Plugging Project – Phase II. Remediation Venture Office's (RVO) responses to comments by the Regulatory Agencies on the Draft DSOW were transmitted 6 June 2002, and discussed at a comment/response resolution meeting held 19 June 2002. All issues were satisfactorily resolved and incorporated into the enclosed document.
2. Please note revisions to the design schedule milestones indicated in Figure 5.0-1 of the DSOW. Due to an RVO decision to delay demolition and removal of Buildings 618 and 619, it is necessary to retain the sanitary sewers that service those structures and postpone the remaining design process until much later in the program. Since the Regulatory Agencies agreed to eliminate the 30 Percent and 60 Percent Design Package, due to the similarity to Phase I of the project, the next project milestone will be the transmittal of the 95 Percent Design Package, which has been revised from 8 August 2002 until 24 October 2008.
3. The point of contact on this matter is Mr. Lou Greer at 303-853-3951.

Encl

Bruce M. Huenefeld
BRUCE M. HUENEFELD
RMA Committee Coordinator



00028908 9620 - 2



DEPARTMENT OF THE ARMY
PROGRAM MANAGER FOR ROCKY MOUNTAIN ARSENAL
7200 QUEBEC STREET, BUILDING 111
COMMERCE CITY, COLORADO 80022-1748

September 23, 2002

REPLY TO
ATTENTION OF
Remedy Execution

Ms. Barbara Nabors
Colorado Department of Public
Health and Environment
4300 Cherry Creek Drive South
Denver, Colorado 80246-1530

Dear Ms. Nabors:

In reference to a letter dated April 18, 2002, the Remediation Venture Office (RVO) established an enforceable finish milestone date of October 14, 2002 for the Burial Trenches Soil Remediation Project. In accordance with Paragraphs 26.8-26.18 and 34.22 of the Federal Facility Agreement, the RVO is requesting an extension of the finish milestone date to January 17, 2003. The extension is required due to the delay in approvals of the Chemical Site Safety Submission and the Explosive Site Safety Submission. Also, the scope of work has been expanded to include remediation of site BT20-1 (Red Ash) and removal of the "F" Street Haul Road north of 8th Avenue.

Copies of this letter were forwarded to:

- a. Major M. Weslyn Erickson, Chief Counsel, Program Manager Rocky Mountain Arsenal (AMSSB-PM-ORMA-CL), Commerce City, Colorado 80022-1748 (w/encl).
- b. Ms. Ginny Brannon, Attorney General's Office, CERCLA Litigation Unit, 1525 Sherman Street, 5th Floor, Denver, Colorado 80203 (w/encl).
- c. Mr. Mike Malusis, Geotrans Inc., 9101 Harlan Street, Suite 210, Westminster, Colorado 80030 (w/encl 2 copies).
- d. Mr. Roger B. Shakely, Shell Oil Company, P.O. Box 538, Commerce City, Colorado 80037 (w/encl).
- e. Mr. Mark Thomson, Washington Group, P.O. Box 1717, Commerce City, Colorado 80022 (w/o encl).
- f. Mr. Thomas Cope, Holme Roberts and Owen, 1700 Lincoln Street, Suite 4100, Denver, Colorado 80203 (w/encl).


g. Mr. Tom Jackson, U.S. Fish and Wildlife Service, Rocky Mountain Arsenal, Building 111, Commerce City, Colorado 80022-1748 (w/encl).

h. Mr. Rick Kinshella, Tri-County Department Environmental Health Division, 4201 East 72nd Avenue, Commerce City, Colorado 80222-1488 (w/encl).

i. Program Manager Rocky Mountain Arsenal (AMSSB-PM-ORMA-D), Document Tracking Center, Building 129, Commerce City, Colorado 80022-1748 (w/encl).

The point of contact on this matter is Mr. James L. Green at 303-289-0412

Sincerely,



Bruce M. Huenefeld
RMA Committee Coordinator

Enclosure



DEPARTMENT OF THE ARMY
PROGRAM MANAGER FOR ROCKY MOUNTAIN ARSENAL
7200 QUEBEC STREET, BUILDING 111
COMMERCE CITY, COLORADO 80022-1748

REPLY TO
ATTENTION OF
AMSSB-PM-ORMA-RE

23 September 2002

MEMORANDUM FOR U.S. Environmental Protection Agency, (Mr. Kerry Guy), Region VIII,
Mail Code 8HWM-FF, 999-18th Street, Suite 500, Denver, Colorado 80202-2405

SUBJECT: Milestone Extension for Burial Trenches Soil Remediation Project

1. In reference to a letter dated 18 April 2002, the Remediation Venture Office (RVO) established an enforceable finish milestone date of 14 October 2002 for the Burial Trenches Soil Remediation Project. In accordance with Paragraphs 26.8-26.18 and 34.22 of the Federal Facility Agreement, the RVO is requesting an extension of the finish milestone date to 17 January 2003. The extension is required due to the delay in approvals of the Chemical Site Safety Submission and the Explosive Site Safety Submission. Also, the scope of work has been expanded to include remediation of site BT20-1 (Red Ash) and removal of the "F" Street Haul Road north of 8th Avenue.

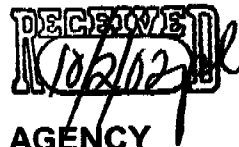
2. The point of contact on this matter is Mr. James L. Green at 303-289-0412

Encl

Bruce M Huenefeld
BRUCE M. HUENEFELD
RMA Committee Coordinator

CF:

Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-CL/
Major M. Weslyn Erickson), Chief Counsel, Commerce City, Colorado 80022-1748 (wo/encl)
Gannett Fleming, Inc., (Ms. Carol Bicher), 999-18th Street, Suite 2075,
Denver, Colorado 80202 (w/encl)
Shell Oil Company, (Mr. Roger B. Shakely), P.O. Box 538,
Commerce City, Colorado 80037 (wo/encl)
Washington Group, (Mr. Mark Thomson), P.O. Box 1717,
Commerce City, Colorado 80022 (wo/encl)
Holme Roberts and Owens, (Mr. Thomas F. Cope), 1700 Lincoln Street, Suite 4100,
Denver, Colorado 80203 (wo/encl)
U.S. Fish and Wildlife Service, (Mr. Tom Jackson), Rocky Mountain Arsenal,
Building 111, Commerce City, Colorado 80022-1748 (wo/encl)
Tri-County Department Environmental Health Division, (Mr. Rick Kinshella),
4201 East 72nd Avenue, Commerce City, Colorado 80222-1488 (wo/encl)
Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-D/
Document Tracking Center), Commerce City, Colorado 80022-1748 (wo/encl)



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8
999 18TH STREET - SUITE 300
DENVER, CO 80202-2466
Phone 800-227-8917
<http://www.epa.gov/region08>

Ref: 8EPR

SEP 24 2002

Mr. Bruce Huenefeld
Office of the Program Manager for RMA
ATTN: AMXRM-E
Rocky Mountain Arsenal
Commerce City, CO 80022-2180

Re: Final South Plants Balance of Areas and Central
Processing Area Soil Remediation Project-Phase I,
Construction Completion Report (CCR)

Dear Mr. Huenefeld:

The Environmental Protection Agency (EPA) has completed review of the Construction Completion Report (CCR) for the South Plants Balance of Areas and Central Processing Area Soil Remediation Project- Phase I. The CCR, in compliance with OSWER Directive 9355.0-4B (Remedial Design/Remedial Action Handbook), documents the remedial action activities which have been accomplished to date, including:

- Completion of all construction items defined in the Project Scope of Work and Final Design Package, as modified;
- Completion of the Project remedy in accordance with the goals established in the 1996 On-Post Record of Decision;
- The conduct of a final inspection by the Colorado Department of Public Health and Environment (CDPHE) and EPA;
- CDPHE concurrence with the CCR via enclosed letter.

Accordingly, EPA approves the CCR as submitted and accepts the South Plants Balance of Areas and Central Processing Area Soil Remediation Project- Phase I as complete.

Sincerely,

Terry Anderson
Director Federal Facilities Office
Office of Ecosystems Protection and Remediation

Enclosure: CDPHE Concurrence Letter



Printed on Recycled Paper

cc: Barbara Nabors, CDPHE
Ginny Brannon, CO-AG Office
Mark Thomson, RVO
Major Wes Erickson, RVO
Tom Jackson, RVO
Rick Kinshella, TCHD
Jim Green, RVO
Kelly Cable, RVO
Jack Lipshultz, DOJ

STATE OF COLORADO

Bill Owens, Governor
Jane E. Norton, Executive Director

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<http://www.cdphe.state.co.us>

Laboratory and Radiation Services Division
8100 Lowry Blvd.
Denver, Colorado 80230-6928
(303) 692-3090



Colorado Department
of Public Health
and Environment

September 12, 2002

Mr. Max Dodson
Assistant Regional Administrator
Office of Ecosystem Protection and Remediation
U.S. EPA Region VIII
999 18th Street, Suite 500
Denver, CO 80202-2405

Re: Rocky Mountain Arsenal, South Plants Balance of Areas and Central Processing Area
Soil Remediation Project – Phase 1

Dear Mr. Dodson:

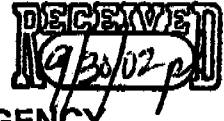
My staff has reviewed the Construction Completion Report for the Rocky Mountain Arsenal, South Plants Balance of Areas and Central Processing Area Soil Remediation Project – Phase 1. This report was evaluated for compliance with the objectives described in the Record of Decision, as amended by the Remediation Design and Implementation Schedule, and the final design specifications and drawings for the project. Based upon this evaluation and our observations while the work was being performed, I am pleased to inform you of the State's concurrence with the referenced Construction Completion Report.

Sincerely,

Howard Roitman
Director, Hazardous Materials and
Waste Management Division

cc: Bruce Huenefeld, RMA
Roger Shakely, Shell
Tom Jackson, USF&WS
Jack Lipschultz, DOJ
Maj. Wes Erickson, DoA

Laura Williams, EPA
Ken Conright, TCHD
Ginny Brannon, AGO
Mike Malusis, GeoTrans
Barbara Nabors, HMWMD
RMA File 7.6-15



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8
999 18TH STREET - SUITE 300
DENVER, CO 80202-2466
Phone 800-227-8917
<http://www.epa.gov/region08>

Ref: 8EPR-F

September 25, 2002

Mr. Bruce Huenefeld
Office of the Program Manager for RMA
ATTN: AMXRM-E
Rocky Mountain Arsenal
Commerce City, CO 80022-2180

Re: Final Burial Trenches Soil Remediation Project-
Part I, Construction Completion Report (CCR)

Dear Mr. Huenefeld:

The Environmental Protection Agency (EPA) has completed review of the Construction Completion Report (CCR) for the Final Burial Trenches Soil Remediation Project-Part I. The CCR, in compliance with OSWER Directive 9355.0-4B (Remedial Design/Remedial Action Handbook), documents the remedial action activities which have been accomplished to date, including:

- Completion of all construction items defined in the Project Scope of Work and Final Design Package, as modified;
- Completion of the Project remedy in accordance with the goals established in the 1996 On-Post Record of Decision;
- The conduct of a final inspection by the Colorado Department of Public Health and Environment (CDPHE) and EPA;
- CDPHE concurrence with the CCR via enclosed letter.

Accordingly, EPA approves the CCR as submitted and accepts the Final Burial Trenches Soil Remediation Project-Part I as complete.

Sincerely,

Terry Anderson
Director Federal Facilities Office
Office of Ecosystems Protection and Remediation

Enclosure: CDPHE Concurrence Letter



Printed on Recycled Paper

cc: Barbara Nabors, CDPHE
Ginny Brannon, CO-AG Office
Mark Thomson, RVO
Major Wes Erickson, RVO
Tom Jackson, RVO
Rick Kinshella, TCHD
Jim Green, RVO
Kelly Cable, RVO
Jack Lipshultz, DOJ

STATE OF COLORADO

Bill Owens, Governor
Jane E. Norton, Executive Director

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Phone (303) 692-2000 Denver, Colorado 80230-6928
TDD Line (303) 691-7700 (303) 692-3090
Located in Glendale, Colorado
<http://www.cdphe.state.co.us>



Colorado Department
of Public Health
and Environment

September 28, 2002

Mr. Max Dodson
Assistant Regional Administrator
Office of Ecosystem Protection and Remediation
U.S. EPA Region VIII
999 18th Street, Suite 500
Denver, CO 80202-2405

Re: Rocky Mountain Arsenal, Burial Trenches Remediation Project – Part I CCR

Dear Mr. Dodson:

My staff has reviewed the Construction Completion Report for Part I of the Rocky Mountain Arsenal, Burial Trenches Soil Remediation Project. This report was evaluated for compliance with the objectives described in the Record of Decision, as amended by the Remediation Design and Implementation Schedule, and the final design specifications and drawings for the project. Based upon this evaluation and our observations while the work was being performed, I am pleased to inform you of the State's concurrence with the referenced Construction Completion Report.

Sincerely,

Howard Roitman
Director, Hazardous Materials and
Waste Management Division

cc: Bruce Huenefeld, RMA
Roger Shakely, Shell
Tom Jackson, USF&WS
Jack Lipschultz, DOJ
Maj. Wes Erickson, DoA

Laura Williams, EPA
Ken Conright, TCHD
Ginny Brannon, AGO
Mike Malusis, GeoTrans
Barbara Nabors, HMWMD
RMA File 9-7.5.1



DEPARTMENT OF THE ARMY
PROGRAM MANAGER FOR ROCKY MOUNTAIN ARSENAL
7200 QUEBEC STREET, BUILDING 111
COMMERCE CITY, COLORADO 80022-1748
September 26, 2002

REPLY TO
ATTENTION OF
Remedy Execution

Ms. Susan Chaki
Colorado Department of Public
Health and Environment
4300 Cherry Creek Drive South
Denver, Colorado 80246-1530

Dear Ms. Chaki:

Listed below is a revised design schedule for the Basin F/Basin F Exterior Soil Remediation Project – Part 2. The revised schedule is proposed to allow information from the Resource Conservation and Recovery Act (RCRA)-Equivalent Test Covers Geotechnical Evaluation to be incorporated into the 60 Percent Design Package.

Under the geotechnical evaluation task, sampling of the test covers and screening-level testing have been completed. Subsequent geotechnical testing and modeling to evaluate performance of soils are anticipated to be completed in December 2002. The Remediation Venture Office therefore requests in accordance with Paragraphs 26.8 – 26.18 and 34.22 of the Federal Facility Agreement, that the 60 Percent Design Package submittal to the Regulatory Agencies, currently scheduled for October 17, 2002, be deferred until March 6, 2003 when we anticipate the resultant cover soil material and placement specification and Quality Control/Quality Assurance Plan to be completed. This schedule change would then revise the 95 Percent Design Package submittal from February 6, 2003 to July 3, 2003. The following are the revised design submittal dates:

60 Percent Design Package submittal to the Regulatory Agencies	March 6, 2003
95 Percent Design Package submittal to the Regulatory Agencies	July 3, 2003 enforceable
Receive consolidated comments from the Regulatory Agencies	August 4, 2003
Basin F Closure Plan Amendment & 30-day Public Review	August 8, 2002 – September 9, 2003
100 Percent Design Package submittal to the Regulatory Agencies	December 1, 2003

Copies of this letter were forwarded to:

- a. Major M. Weslyn Erickson, Chief Counsel, Program Manager Rocky Mountain Arsenal (AMSSB-PM-ORMA-CL), Commerce City, Colorado 80022-1748.
- b. Ms. Ginny Brannon, Attorney General's Office, CERCLA Litigation Unit, 1525 Sherman Street, 5th Floor, Denver, Colorado 80203.
- c. Mr. Mike Malusis, Geotrans Inc., 9101 Harlan Street, Suite 210, Westminster, Colorado 80030.
- d. Mr. Roger B. Shakely, Shell Oil Company, P.O. Box 538, Commerce City, Colorado 80037.
- e. Mr. Mark Thomson, Washington Group, P.O. Box 1717, Commerce City, Colorado 80022.
- f. Mr. Thomas Cope, Holme Roberts and Owen, 1700 Lincoln Street, Suite 4100, Denver, Colorado 80203.
- g. Mr. Tom Jackson, U.S. Fish and Wildlife Service, Rocky Mountain Arsenal, Building 111, Commerce City, Colorado 80022-1748.
- h. Mr. Rick Kinshella, Tri-County Department Environmental Health Division, 4201 East 72nd Avenue, Commerce City, Colorado 80222-1488.
- i. Program Manager Rocky Mountain Arsenal (AMSSB-PM-ORMA-D), Document Tracking Center, Building 129, Commerce City, Colorado 80022-1748.

The point of contact on this matter is Mr. Lou Greer at 303-853-3951.

Sincerely,

Bruce M Huenefeld
Bruce M. Huenefeld
RMA Committee Coordinator



DEPARTMENT OF THE ARMY
PROGRAM MANAGER FOR ROCKY MOUNTAIN ARSENAL
7200 QUEBEC STREET, BUILDING 111
COMMERCE CITY, COLORADO 80022-1748

REPLY TO
ATTENTION OF
AMSSB-PM-ORMA-RE

September 26, 2002

MEMORANDUM FOR U.S. Environmental Protection Agency, (Mr. Kerry Guy), Region VIII,
Mail Code 8HWM-FF, 999-18th Street, Suite 500, Denver, Colorado 80202-2405

SUBJECT: Basin F/Basin F Exterior Soil Remediation Project – Part 2

1. Listed below is a revised design schedule for the Basin F/Basin F Exterior Soil Remediation Project – Part 2. The revised schedule is proposed to allow information from the Resource Conservation and Recovery Act (RCRA)-Equivalent Test Covers Geotechnical Evaluation to be incorporated into the 60 Percent Design Package.

2. Under the geotechnical evaluation task, sampling of the test covers and screening-level testing have been completed. Subsequent geotechnical testing and modeling to evaluate performance of soils are anticipated to be completed in December 2002. The Remediation Venture Office therefore requests in accordance with Paragraphs 26.8 – 26.18 and 34.22 of the Federal Facility Agreement, that the 60 Percent Design Package submittal to the Regulatory Agencies, currently scheduled for October 17, 2002, be deferred until March 6, 2003 when we anticipate the resultant cover soil material and placement specification and Quality Control/Quality Assurance Plan to be completed. This schedule change would then revise the 95 Percent Design Package submittal from February 6, 2003 to July 3, 2003. The following are the revised design submittal dates:

60 Percent Design Package submittal to the Regulatory Agencies	March 6, 2003
95 Percent Design Package submittal to the Regulatory Agencies	July 3, 2003 enforceable
Receive consolidated comments from the Regulatory Agencies	August 4, 2003
Basin F Closure Plan Amendment & 30-day Public Review	August 8, 2002 – September 9, 2003
100 Percent Design Package submittal to the Regulatory Agencies	December 1, 2003




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AMSSB-PM-ORMA-RE

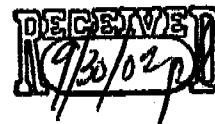
SUBJECT: Basin F/Basin F Exterior Soil Remediation Project – Part 2

3. The point of contact on this matter is Mr. Lou Greer at 303-853-3951.


BRUCE M. HUENEFELD
RMA Committee Coordinator

CF:

Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-CL/
Major M. Weslyn Erickson), Chief Counsel, Commerce City, Colorado 80022-1748
Gannett Fleming, Inc., (Ms. Carol Bicher), 999-18th Street, Suite 2075,
Denver, Colorado 80202
Shell Oil Company, (Mr. Roger B. Shakely), P.O. Box 538,
Commerce City, Colorado 80037
Washington Group, (Mr. Mark Thomson), P.O. Box 1717,
Commerce City, Colorado 80022
Holme Roberts and Owens, (Mr. Thomas F. Cope), 1700 Lincoln Street, Suite 4100,
Denver, Colorado 80203
U.S. Fish and Wildlife Service, (Mr. Tom Jackson), Rocky Mountain Arsenal,
Building 111, Commerce City, Colorado 80022-1748
Tri-County Department Environmental Health Division, (Mr. Rick Kinshella),
4201 East 72nd Avenue, Commerce City, Colorado 80222-1488
Program Manager Rocky Mountain Arsenal, (AMSSB-PM-ORMA-D/
Document Tracking Center), Commerce City, Colorado 80022-1748



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8

999 18TH STREET - SUITE 300

DENVER, CO 80202-2466

Phone 800-227-8917

<http://www.epa.gov/region08>

Ref: 8EPR-F

Mr. Bruce Huenefeld
Office of the Program Manager for RMA
ATTN: AMXRM-E
Rocky Mountain Arsenal
Commerce City, CO 80022-2180

Re: Rocky Mountain Arsenal; Miscellaneous RMA
Structures Demolition and Removal Project - Phase 1
Construction Completion Report

Dear Mr. Huenefeld:

The Environmental Protection Agency (EPA) has completed review of the Construction Completion Report (CCR) for the Miscellaneous RMA Structures Demolition and Removal Project - Phase 1 submitted by the Remediation Venture Office (RVO). The CCR, in compliance with OSWER Directive 9355.0-4B (Remedial Design/Remedial Action Handbook), documents the remedial action activities which have been accomplished to date, including:

- Completion of all construction items defined in the Project Scope of Work and Final Design Package, as modified;
- Completion of the Project remedy in accordance with the goals established in the 1996 On-Post Record of Decision;
- The conduct of a final inspection by the Colorado Department of Public Health and Environment (CDPHE) and EPA;
- and CDPHE concurrence with the CCR via enclosed letter.

Accordingly, EPA approves the CCR as submitted and accepts the Miscellaneous RMA Structure Demolition and Removal Project - Phase 1 as complete.

Sincerely,

Terry Anderson, Director
Federal Facilities Office

Enclosure: CDPHE Concurrence Letter



Printed on Recycled Paper

cc: Barbara Nabors, CDPHE (without enclosure)
Ginny Brannon, CO-AG Office
Mark Thomson, Washington Group International
Major Wes Erickson, PMRMA
Tom Jackson, USFWS
Jack Lipshultz, DOJ
Rick Kinshella, TCHD
Kelly Cable, Washington Group International
Lou Greer, Washington Group International
(All with enclosure)



SEP 25 2002

Temy A.

STATE OF COLORADO

Bill Owens, Governor
Jane E. Norton, Executive Director

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Denver, Colorado 80246-1530
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<http://www.cdphe.state.co.us>



Colorado Department
of Public Health
and Environment

SEP 2002

September 23, 2002

Mr. Max Dodson
Assistant Regional Administrator
Office of Ecosystem Protection and Remediation
U.S. EPA Region VIII
999 18th Street, Suite 500
Denver, CO 80202-2405

Re: Rocky Mountain Arsenal -- Miscellaneous RMA Structures Demolition and Removal Project --
Phase 1 Construction Completion Report

Dear Mr. Dodson:

My staff has reviewed the Construction Completion Report for the Rocky Mountain Arsenal, Structures Demolition and Removal Project -- Phase 1, received July 3, 2002. This report was evaluated for compliance with the objectives described in the Record of Decision, as amended by the Remediation Design and Implementation Schedule, and the final design specifications and drawings for the project. Based upon this evaluation and our observations while the work was being performed, I am pleased to inform you of the State's concurrence with the referenced Construction Completion Report (CCR).

We request that the report be updated or that an errata sheet be generated that modifies the Environmental Compliance section of the CCR to describe the incident and responses that led to the Division's issuance of a Compliance Advisory and the subsequent investigation. We will continue our efforts to promote the Grand Jury recommendation to improve cooperation and trust among the parties at RMA and to achieve proper cleanup.

Sincerely,

Howard Roitman
Director, Hazardous Materials and
Waste Management Division

cc: Bruce Huenefeld, RMA
Roger Shakely, Shell
Tom Jackson, USF&WS
Jack Lipschultz, DOJ
Maj. Wes Erickson, DoA

Laura Williams, EPA
Ken Conright, TCHD
Ginny Brannon, AGO
Mike Malusis, GeoTrans
Barbara Nabors, HMWMD
RMA File 7.6-10



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8
999 18TH STREET - SUITE 300
DENVER, CO 80202-2466
Phone 800-227-8917
<http://www.epa.gov/region08>

Ref: 8EPR-F

September 30, 2002

Mr. Bruce Huenefeld
Office of the Program Manager for RMA
ATTN: AMXRM-E
Rocky Mountain Arsenal
Commerce City, CO 80022-2180

Re: Complex Army Trenches Groundwater
Barrier/Groundwater Extraction System Project;
Final Operational and Functional Report

Dear Mr. Huenefeld:

The Environmental Protection Agency (EPA) has completed review of the Operational and Functional Report (OFR) for the Complex Army Trenches Groundwater Barrier/Groundwater Extraction System Project and associated July 2001 Construction Completion Report (CCR). The CCR and OFR, in compliance with OSWER Directive 9355.0-4B (Remedial Design/Remedial Action Handbook), document the remedial action activities which have been accomplished to date, including:

- Completion of all construction items defined in the Project Scope of Work and Final Design Package, as modified;
- Completion of the Project remedy in accordance with the goals established in the 1996 On-Post Record of Decision;
- The conduct of a final inspection by the Colorado Department of Public Health and Environment (CDPHE) and EPA;
- Certification by the Remediation Venture Office (RVO) that the remedy is operational and functional;
- CDPHE concurrence with the OFR via enclosed letter.

Accordingly, EPA approves the CCR and OFR as submitted and accepts the Complex Army Trenches Groundwater Barrier/Groundwater Extraction System Project as complete.

Sincerely,

Terry Anderson
Director Federal Facilities Office
Office of Ecosystems Protection and Remediation

Enclosure: CDPHE Concurrence Letter



Printed on Recycled Paper

cc: Barbara Nabors, CDPHE
Ginny Brannon, CO-AG Office
Mark Thomson, RVO
Major Wes Erickson, RVO
Tom Jackson, RVO
Rick Kinshella, TCHD
Tom James, RVO
Kelly Cable, RVO
Jack Lipshultz, DOJ

STATE OF COLORADO

Jill Owens, Governor
Douglas H. Benevento, Acting Executive Director

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Denver, Colorado 80230-6928
(303) 692-3090

<http://www.cdphe.state.co.us>



Colorado Department
of Public Health
and Environment

September 26, 2002

Mr. Terry Anderson
Director Federal Facilities Office
U.S. EPA Region VIII
999 18th Street, Suite 500
Denver, CO 80202-2405

Re: Rocky Mountain Arsenal, Complex Army Trenches Groundwater Barrier Project, Groundwater Barrier/Groundwater Extraction System, Operational and Functional Report dated September 24, 2002

Dear Mr. Anderson:

My staff has reviewed the Operational and Functional Report for the Rocky Mountain Arsenal, Complex Army Trenches Groundwater Barrier Project, Groundwater Barrier/Groundwater Extraction System. This report was evaluated for compliance with the objectives described in the Record of Decision, as amended by the Remediation Design and Implementation Schedule, and the operational and functional requirements of the final design for the project. Based upon this, I am pleased to inform you of the State's concurrence with the referenced Operational and Functional Report.

Sincerely,

Howard Roitman
Director, Hazardous Materials and
Waste Management Division

cc: Bruce Huenefeld, RMA
Roger Shakely, Shell
Tom Jackson, USF&WS
Jack Lipschultz, DOJ
Maj. Wes Erickson, DoA
Ed LaRock, HMWMD

Laura Williams, EPA
Ken Conright, TCHD
Ginny Brannon, AGO
Mike Malusis, GeoTrans
Barbara Nabors, HMWMD
RMA File 7.6-3



DEPARTMENT OF THE ARMY
PROGRAM MANAGER FOR ROCKY MOUNTAIN ARSENAL
7200 QUEBEC STREET, BUILDING 111
COMMERCE CITY, COLORADO 80022-1748

October 3, 2002

REPLY TO
ATTENTION OF

Remedy Execution

Ms. Barbara Nabors
Colorado Department of Public
Health and Environment
4300 Cherry Creek Drive South
Denver, Colorado 80246-1530

Dear Ms. Nabors:

By a letter dated March 26, 2002, the Remediation Venture Office (RVO) requested approval of a revised design schedule for the Section 36 Balance of Areas Soil Remediation Project, after which a new enforceable date of October 31, 2002 was established for the submittal of the 95 Percent Design Package. In accordance with Paragraphs 26.8-26.18, and 34.22 of the Federal Facility Agreement, the RVO is requesting another extension in the submittal of the 95 Percent Design Package to November 26, 2002. The delay is required due to the following:

- a. Extended review period by the Regulatory Agencies for the 60 Percent Design Package.
- b. A delay in resolving issues for the Basin A boundary adjustment.
- c. Regulatory Agencies' decisions regarding Quality Assurance/Quality Control requirements of 3-foot covers, and definition and consolidation of biota soils below 3-foot covers have not been made.

The new submittal date for the 100 Percent Design Package will be changed from January 14, 2003, to February 7, 2003.

Copies of this letter were forwarded to:

- a. Major M. Weslyn Erickson, Chief Counsel, Program Manager Rocky Mountain Arsenal (AMSSB-PM-ORMA-CL), Commerce City, Colorado 80022-1748 (w/o encl).
- b. Ms. Ginny Brannon, Attorney General's Office, CERCLA Litigation Unit, 1525 Sherman Street, 5th Floor, Denver, Colorado 80203 (w/o encl).
- c. Mr. Mike Malusis, Geotrans Inc., 9101 Harlan Street, Suite 210, Westminster, Colorado 80030 (w/o encl).



00029514 9837 - 1

d. Mr. Roger B. Shakely, Shell Oil Company, P.O. Box 538,
Commerce City, Colorado 80037 (w/o encl).

e. Mr. Mark Thomson, Washington Group, P.O. Box 1717,
Commerce City, Colorado 80022 (w/o encl).

f. Mr. Thomas Cope, Holme Roberts and Owen, 1700 Lincoln Street, Suite 4100,
Denver, Colorado 80203 (w/o encl).

g. Mr. Tom Jackson, U.S. Fish and Wildlife Service, Rocky Mountain Arsenal,
Building 111, Commerce City, Colorado 80022-1748 (w/o encl).

h. Mr. Rick Kinshella, Tri-County Department Environmental Health Division,
4201 East 72nd Avenue, Commerce City, Colorado 80222-1488 (w/o encl).

i. Program Manager Rocky Mountain Arsenal (AMSSB-PM-ORMA-D),
Document Tracking Center, Building 129, Commerce City, Colorado 80022-1748 (w/o encl).

The point of contact is Mr. James Green at 303-289-0412.

Sincerely,

Bruce M. Huenefeld
Bruce M. Huenefeld
RMA Committee Coordinator



DEPARTMENT OF THE ARMY
PROGRAM MANAGER FOR ROCKY MOUNTAIN ARSENAL
7200 QUEBEC STREET, BUILDING 111
COMMERCE CITY, COLORADO 80022-1748

REPLY TO
ATTENTION OF

AMSSB-PM-ORMA-RE

3 October 2002

MEMORANDUM FOR U.S. Environmental Protection Agency, (Mr. Kerry Guy), Region VIII,
Mail Code 8HWM-FF, 999-18th Street, Suite 500, Denver, Colorado 80202-2405

SUBJECT: Milestone Extension 95 Percent Design Package

1. By a letter dated 26 March 2002, the Remediation Venture Office (RVO) requested approval of a revised design schedule for the Section 36 Balance of Areas Soil Remediation Project, after which a new enforceable date of 31 October 2002 was established for the submittal of the 95 Percent Design Package. In accordance with Paragraphs 26.8-26.18, and 34.22 of the Federal Facility Agreement, the RVO is requesting another extension in the submittal of the 95 Percent Design Package to 26 November 2002. The delay is required due to the following:

- a. Extended review period by the Regulatory Agencies for the 60 Percent Design Package.
 - b. A delay in resolving issues for the Basin A boundary adjustment.
 - c. Regulatory Agencies' decisions regarding Quality Assurance/Quality Control requirements of 3-foot covers, and definition and consolidation of biota soils below 3-foot covers have not been made.
2. The new submittal date for the 100 Percent Design Package will be changed from 14 January 2003, to 7 February 2003.
3. The point of contact is Mr. James Green at 303-289-0412.

Bruce M. Huenefeld
BRUCE M. HUENEFELD
RMA Committee Coordinator



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AMSSB-PM-ORMA-RE

SUBJECT: Milestone Extension 95 Percent Design Package

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